No person in the State of Washington shall on the grounds of sex, race, color, or national origin, be excluded from participation in, or be subjected to discrimination under any program or activity administered or supervised by the Washington State Department of Social and Health Services.

S8420-1

VITAL STATISTICS SUMMARY

WASHINGTON STATE

1984

VITAL RECORDS DATA SERVICES
DIVISION OF PUBLIC HEALTH
DEPARTMENT OF SOCIAL AND HEALTH SERVICES
MS ET-14
OLYMPIA, WASHINGTON 98504

PREPARED BY:

Teresa Jennings, Research Analyst, 753-5938

ANALYSIS BY:

Patricia Starzyk, Research Investigator, 586-6028

Special acknowledgement to the Office of Information Systems

Les James, Acting Director
Division of Public Health

Robert Rolfs, Office Chief
Public Health Systems Support

Vital Records Data Services
Eugene E. Sabotta, Section Head
Julie Harris, Secretary
Patricia M. Starzyk, Research Investigator
Tere'sa J. Jennings, Research Analyst
Jeff Threatt, Research Analyst
Sandi Kindsvater, Health Program Specialist
Tamla K. Johnson, Data Services Assistant

INTRODUCTION

The 1984 Vital Statistics Annual Summary continues the practice, begun in 1980, of presenting a data analysis section along with the tabular summary of vital events. This analysis is not intended to be sophisticated or exhaustive; instead it represents an attempt to look at vital statistics data in new ways which may stimulate further analyses by those involved in health planning, epidemiologic analysis, and program evaluation in the state. The authors welcome any questions or comments about the material presented herein, or suggestions for future analysis.

This report also contains a summary presentation, in tabular form, of the vital events which occurred during the calendar year 1984. In the interest of easy comparison, essentially the same format of tabular presentation has been continued as was initiated in the 1968-69 edition, with the following changes. Two items have been added to Birth Table 1: Maternal Smoking and Occurrence, Method of Delivery. Death Table 13 has been changed to reflect the major chapter headings in Volume 1, International Classification of Diseases, Ninth Revision (ICD-9). A new death table, summarizing deaths due to malignant neoplasms by primary site, has been added.

For those who find that the tables in this report do not meet all their needs, additional tables are available and can be obtained by calling Statistics at (206) 753-5938.

TABLE OF CONTENTS

page

Introduction..... iii

Map of Washington State..... 1

1984 In Brief..... 2

Graphs of Birth and Death Rates..... 3

Summary Table: Numbers with Rates for Live Births, Deaths, Deaths of Infants Under One Year of Age, Maternal Deaths, and Fetal Deaths. State of Washington 1920 - 1984..... 4

Chart of Daily Events in Washington State 1984..... 6

Analysis..... 7

Natality..... 37

Table 1 - Live Births in Washington State by Selected Topics..... 38
- 1A - Residence, by Race by Sex
- 1B - Residence, by Mother's Age Group by Sex
- 1C - Residence, by Order of Live Birth to Mother
- 1D - Residence, by Attendant
- 1E - Residence and Occurrence, by Sex by Birth Weight in Grams
- 1F - Residence and Occurrence, Live Births and Fetal Deaths by Month
- 1G - Occurrence, Method of Delivery
- 1H - Type of Place by Occurrence
- 1I - Residence, Multiple Live Births
- 1J - Residence, Maternal Smoking

Table 2 - Live Births with Rates by Place of Residence by Sex, and Occurrence..... 41

Table 3 - Live Births Inter-County Travel Patterns..... 42

Table 4 - Live Births by Race by Place of Residence..... 44

Table 5 - Live Births by Mother's Age Group by Place of Residence..... 45

Table 6 - Live Births by Month by Place of Residence..... 46

Table 7 - Live Births by Birth Weight in Grams by Place of Residence..... 47

Table 8 - Residence, Multiple Births by Number Born Alive Each Set..... 48

Table 9 - Live Births by Race by Birth Weight..... 49

Table 10 - Live Births by Mother's Age by Birth Weight.... 49

Table 11 - Live Births by Institutions by Place of Occurrence..... 50

Mortality..... 51

Table 1 - Deaths in Washington State by Selected Topics..... 52

1A - Residence, Race by Sex
1B - Residence, Marital Status by Sex
1C - Residence, Age Group by Sex
1D - Residence, Infant Deaths by Race
1E - Residence, by Leading Causes
1F - Residence and Occurrence, by Month
1G - Type of Place by Occurrence

Table 2 - Deaths with Rates by Place of Residence and Occurrence..... 54

Table 3 - Deaths by Sex and Race by Place of Residence..... 55

Table 4 - Deaths by Age Group by Place of Residence..... 56

Table 5 - Deaths by Month of Occurrence by Place of Residence..... 57

Table 6 - Deaths with Rates by Selected Causes by Place of Residence

Diseases of the Heart, Malignant Neoplasms, Cerebrovascular Disease, Arteriosclerosis.... 58

Table 7 - Deaths with Rates by Selected Causes by Place of Residence

Influenza and Pneumonia, Diabetes Mellitus, Congenital Malformations, Certain Causes of Mortality in Early Infancy..... 59

Table 8 - Deaths with Rates by Selected Causes by Place of Residence

Bronchitis, Emphysema, and Asthma, Alcoholism, Cirrhosis of the Liver, Chronic and Unspecified Nephritis..... 60

Table 9 - Deaths with Rates by Selected Causes by Place of Residence

Tuberculosis (All Forms), Septicemia and Pyemia, All Other Infectious and Parasitic Diseases..... 61

Table 10 - Deaths with Rates by External Causes by Place of Residence

Motor Vehicle, Falls, Drownings, Fires, All Other..... 62

Table 11 - Deaths with Rates by External Causes by Place of Residence

Suicide, Homicide, Undetermined External Injuries..... 63

Table 12 - Residence Deaths with Rates and Percent by Age Group and Sex by Leading Causes..... 64

Table 13 - Residence Deaths with Rates by Selected Causes by Sex..... 66

Table 14 - Residence Deaths Due to Malignant Neoplasm with Rates by Sex..... 68

Table 15 - Residence Deaths by Non-transport Causes, by Place of Accident..... 69

Table 16 - Deaths with Rates by External Causes by Place of Occurrence

Motor Vehicle, Falls, Drownings, Fires, All Other..... 70

Table 17 - Deaths with Rates by External Causes by Place of Occurrence

Suicide, Homicide, Undetermined External Injuries..... 71

Table 18 - Deaths by Type of Place by Place of Occurrence..... 72

Table 19 - Occurrence Deaths by Month by Selected Causes..... 73

Table 20 - Infant Mortality by Race, by Place of Residence..... 74

Table 21 - Infant Mortality by Leading Causes, by Place of Residence..... 75

Table 22 - Infant Mortality by Age and Sex by Cause..... 76

Table 23 - Residence, Matched Infant Deaths by Mother's Age Group..... 77

Table 24 - Fetal, Perinatal, Neonatal and Infant Mortality by Place of Residence..... 78

Table 25 - Fetal, Perinatal, Neonatal and Infant Mortality by Place of Occurrence..... 79

Table 26 - Residence, Fetal Mortality by Sex and Weight..... 80

Table 27 - Fetal Mortality by Cause..... 81

Marriages and Dissolutions..... 83

Table 1 - Marriages by County of Marriage by Bride and Groom Age Group..... 84

Table 2 - Dissolutions, Annulments, and Separate Maintenance by County of Decree..... 85

Table 3 - Dissolutions by Total Living Children by Place of Residence..... 86

Table 4 - Dissolutions by County of Divorce by Husband and Wife Age Group..... 87

Appendix..... 89

A - Definitions..... 90

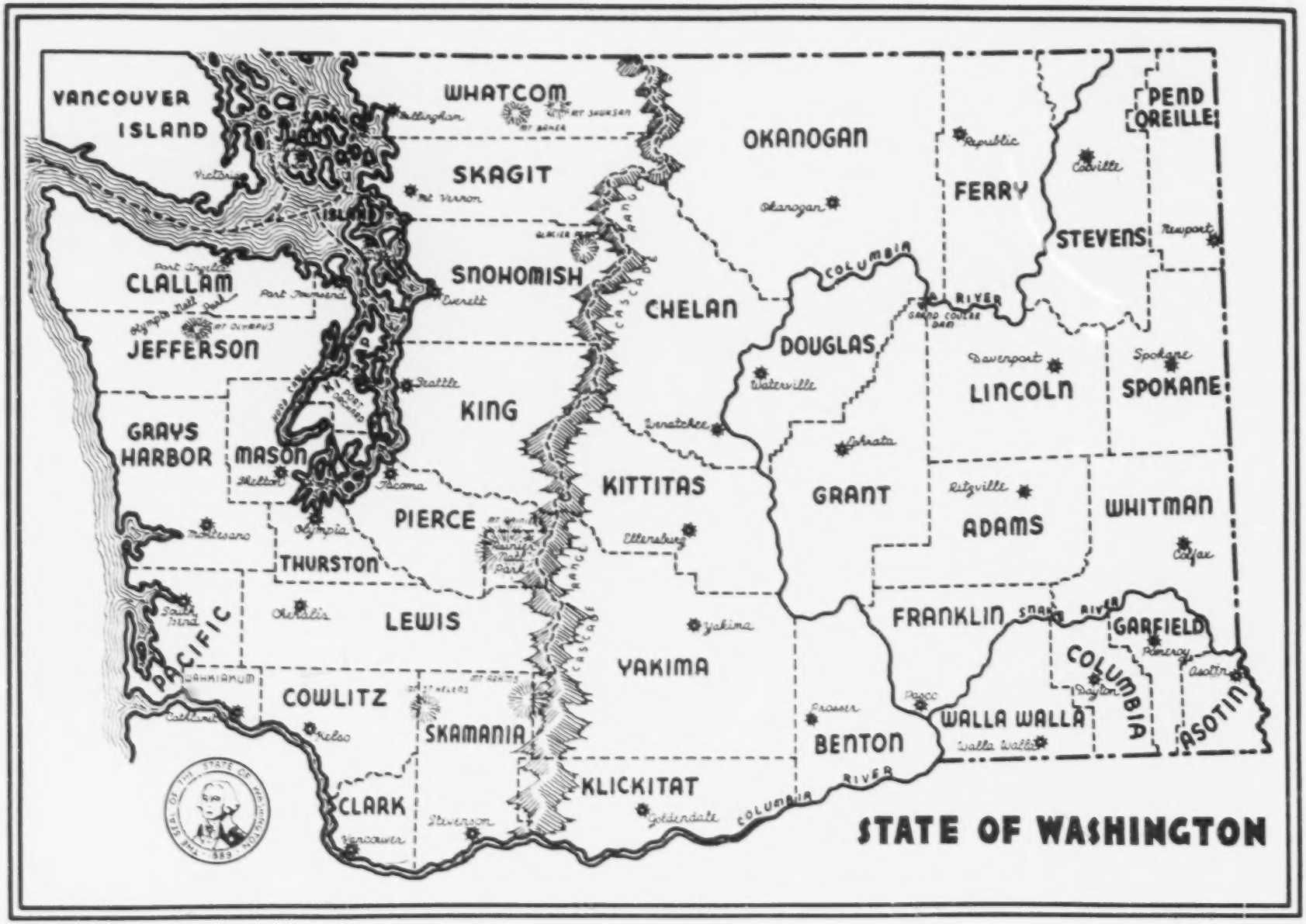
B - Technical Notes..... 92

C - Conversion of Birth Weight Groups in Grams to Pounds and Ounces..... 95

D - Population of the State of Washington by Age Group, by Sex, April 1, 1984..... 96

E - Population, State of Washington, Counties and Cities of 10,000 Population and Over, April 1, 1984..... 97

F - Samples of Certificates..... 98


VANCOUVER ISLAND
WHATCOM
SKAGIT
OKANOGAN
PEND OREILLE
FERRY
STEVENS
CLALLAM
SNOHOMISH
CHELAN
COLUMBIA RIVER
DOUGLAS
LINCOLN
SPOKANE
JEFFERSON
KING
GRAYS HARBOR
MASON
KITTITAS
GRANT
ADAMS
WHITMAN
PIERCE
THURSTON
LEWIS
FRANKLIN
GARFIELD
COLUMBIA
ASOTIN
PACIFIC
WAHKIAKUM
COWLITZ
SKAMANIA
YAKIMA
BENTON
WALLA WALLA
KLICKITAT
CLARK
STATE OF WASHINGTON

1984 IN BRIEF

In 1984, the population estimated for the State increased 43,000 from 4,285,100 to 4,328,100 (a change of one percent). The natural increase (the number of births minus the number of deaths) was 35,159. The net inward migration, therefore, is estimated at approximately 7,800.

There were 68,947 live births to residents, an increase of 242 above 1983's total. The birth rate declined, however, 0.6% (from 16.0 to 15.9 per 1,000 population). Nationally, the birth rate rose one percent, from 15.5 to 15.7 per 1,000. The change in the Washington State fertility rate was less than one percent (0.9), dropping from 67.2 to 66.6 per 1,000 women aged 15-44. In 1980 this rate was 68.8. Comparatively, the national fertility rate was 66.0 in 1984 and 68.4 in 1980. The median age of women residents giving birth was 25.4. It has risen steadily since 1980 when it was 24.4.

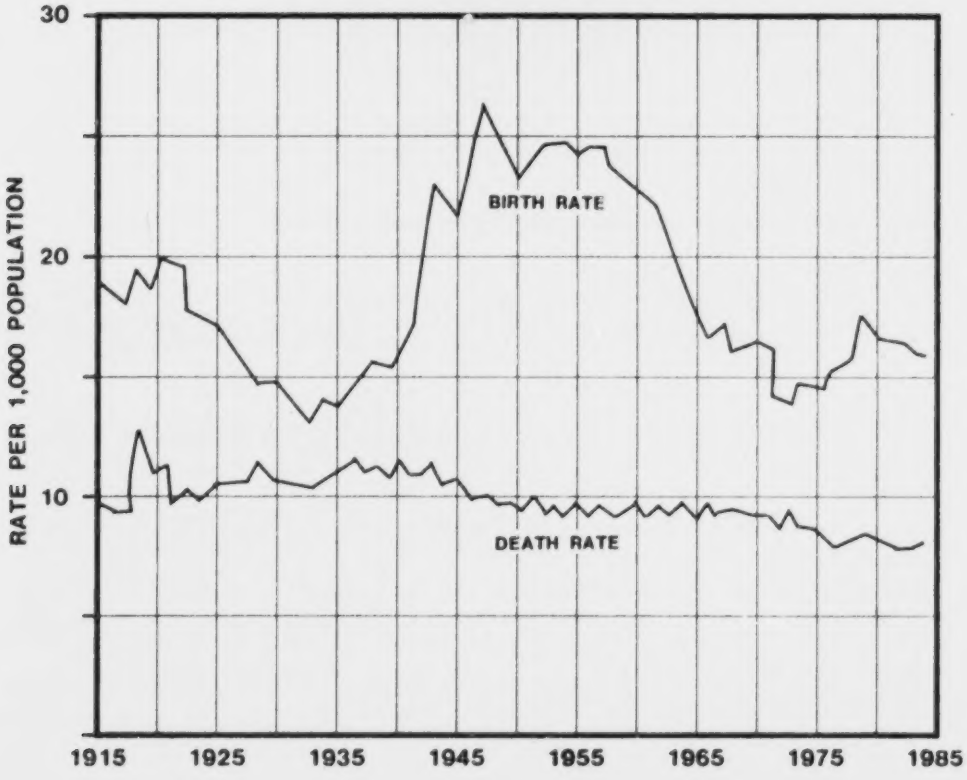
There were 1,157 more deaths to Washington residents in 1984 than in 1983 for a total of 33,788 deaths. The crude death rate rose from 7.6 per 1,000 population to 7.8, an increase of 2.6%. The Washington State rate is still below the national rate of 8.7. Five years previous, the rate for the state was 7.8; for the nation, 8.9. The ten leading causes of death accounted for 84% of all deaths. There has been no change in ranks of the first four leading causes of death since 1980. The addition of Chronic Obstructive Pulmonary Disease (COPD) to the category containing asthma, chronic bronchitis, and emphysema, has made the grouping, chronic obstructive pulmonary diseases, the fifth leading cause of death. (See technical notes, Appendix B.) Over the five year period, 1980 through 1984, a comparison of crude death rates shows the greatest decrease occurred in deaths resulting from accidents (-19.5%) and arteriosclerosis (-35.8%), and the greatest increase occurred among deaths due to diabetes mellitus (11.4%) and malignant neoplasm (5.8%).

In 1984, there were 51 more infant deaths than in 1983 for a total of 704. The rate was 10.2 per 1,000 population, 7.4% higher than the 1983 rate of 9.5, but 14% lower than the 1980 rate of 11.8. Sudden Infant Death Syndrome (SIDS) was the leading cause of death among residents in this age group, accounting for approximately 27% of the deaths. The change in the cause specific rate for SIDS was 17%, from 2.4 to 2.8 per 1,000 population from 1983 to 1984. The rate was 2.7 in 1980.

There were 26,999 divorces in 1984, 300 less than the previous year. The divorce rate was 6.24 per 1,000 population. The last time the rate was this low was in 1973. There were 45,080 marriages, 1,214 marriages less than occurred in the State in 1984. The marriage rate was 10.42 in 1984 and has been declining since 1979, when it was 12.04 per 1,000.

BIRTH and DEATH RATES
1915-1984

Washington Vital Statistics Summary, 1984



INFANT and FETAL DEATH RATES
1915-1984

Washington Vital Statistics Summary, 1984

SUMMARY OF THE NUMBER OF LIVE BIRTHS, DEATHS, DEATHS OF INFANTS UNDER ONE YEAR OF AGE, MATERNAL DEATHS, AND FETAL DEATHS, WITH RATES
WASHINGTON STATE 1920 - 1984

		Live Births		Deaths		Infant Deaths		Maternal Deaths		Fetal Deaths	
Year	Population	Number	Rate*	Number	Rate*	Number	Rate**	Number	Rate***	Number	Ratio**
1920	1,367,000	27,072	19.8	15,164	11.1	1,797	66.4	249	92.0	888	32.8
1921	1,385,700	27,267	19.7	13,254	9.6	1,512	55.5	192	70.4	852	31.2
1922	1,407,100	25,378	18.0	14,249	10.1	1,566	61.7	190	74.9	731	28.8
1923	1,427,300	25,259	17.7	13,856	9.7	1,428	56.5	159	62.9	680	26.9
1924	1,447,200	25,378	17.5	14,580	10.1	1,426	56.2	167	65.8	711	28.0
1925	1,467,600	24,741	16.9	15,280	10.4	1,395	56.4	140	56.6	667	27.0
1926	1,487,600	23,989	16.1	15,670	10.5	1,352	56.4	174	72.5	719	30.0
1927	1,507,800	23,315	15.5	15,950	10.6	1,162	49.8	151	64.8	650	27.9
1928	1,528,200	23,161	15.2	16,723	10.9	1,115	48.1	175	75.6	641	27.7
1929	1,548,400	22,685	14.7	16,413	10.6	1,110	48.9	150	66.1	572	25.2
1930	1,568,000	23,019	14.7	16,678	10.6	1,122	48.7	148	64.3	601	26.1
1931	1,585,000	22,028	13.9	16,524	10.4	1,064	48.3	141	64.0	591	26.8
1932	1,602,500	21,379	13.3	16,581	10.3	967	45.2	139	65.0	530	24.8
1933	1,619,700	20,882	12.9	16,705	10.3	811	38.8	140	67.0	446	21.4
1934	1,636,900	22,484	13.7	17,456	10.7	968	43.1	105	46.7	520	23.1
1935	1,654,000	22,378	13.5	18,046	10.9	998	44.6	120	53.6	469	21.0
1936	1,671,400	23,354	14.0	19,057	11.4	1,064	45.6	115	49.2	468	20.0
1937	1,689,100	24,882	14.7	18,771	11.1	978	39.3	118	47.4	495	19.9
1938	1,706,000	26,702	15.7	18,514	10.9	1,035	38.8	94	35.2	440	16.5
1939	1,723,400	26,471	15.4	18,528	10.8	977	36.9	97	36.6	450	17.0
1940	1,752,400	27,952	16.0	19,837	11.3	969	34.7	89	31.8	459	16.4
1941	1,816,700	30,916	17.0	19,359	10.7	1,065	34.4	66	21.3	445	14.4
1942	1,880,700	38,744	20.6	20,190	10.7	1,278	33.0	78	20.1	606	15.6
1943	1,945,000	44,258	22.8	22,017	11.3	1,534	34.7	72	16.3	575	13.0
1944	2,009,600	44,246	22.0	21,144	10.5	1,493	33.7	72	16.3	607	13.7
1945	2,073,600	44,296	21.4	21,292	10.3	1,523	34.4	79	17.8	672	15.2
1946	2,137,600	51,941	24.3	21,620	10.1	1,723	33.2	65	12.5	869	16.7
1947	2,202,400	58,230	26.4	21,763	9.9	1,630	28.0	59	10.1	907	15.6
1948	2,266,400	55,460	24.5	21,925	9.7	1,525	27.5	36	6.5	776	14.0

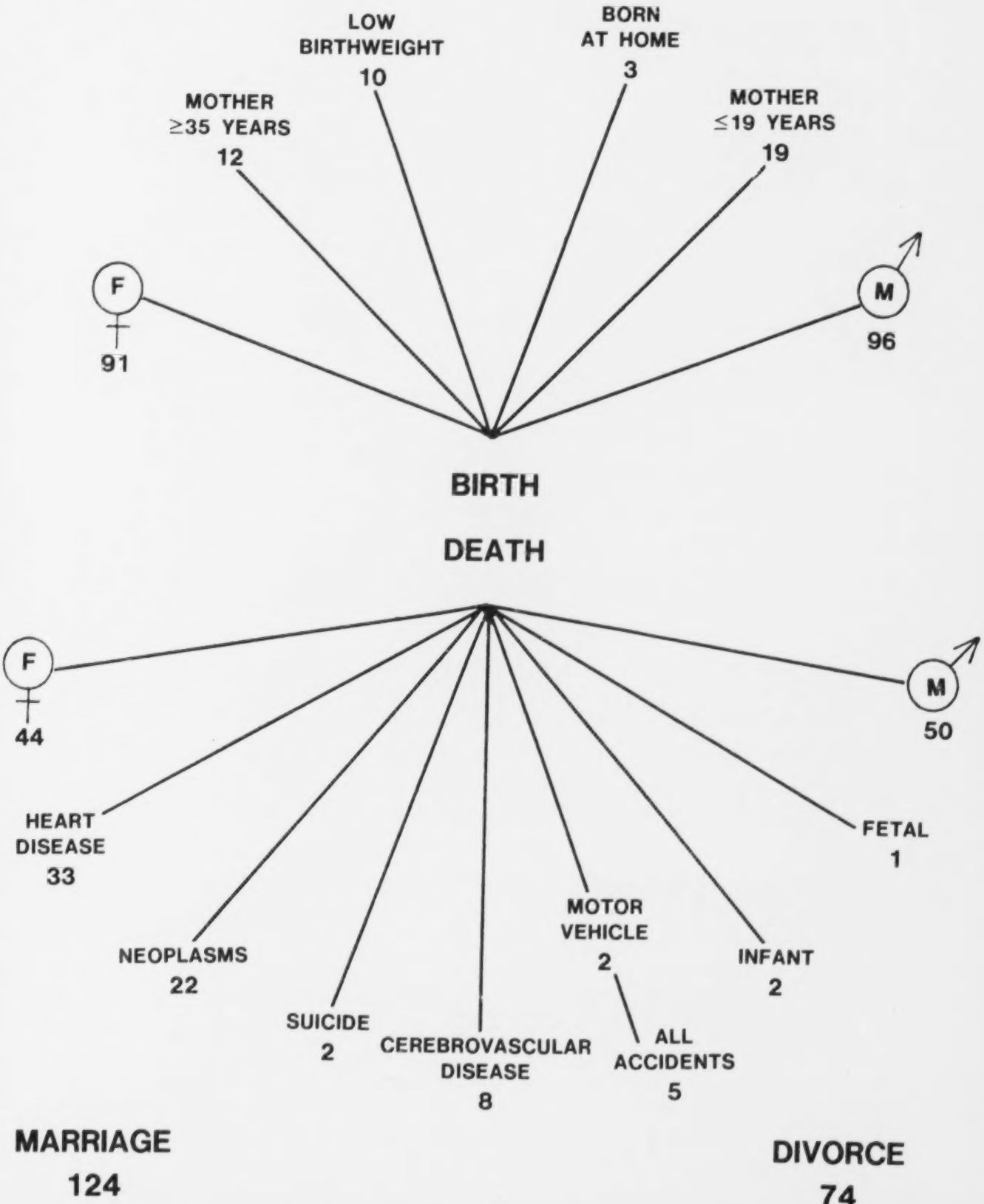
		Live Births		Deaths		Infant Deaths		Maternal Deaths		Fetal Deaths	
Year	Population	Number	Rate*	Number	Rate*	Number	Rate**	Number	Rate***	Number	Ratio**
1949	2,331,000	56,433	24.2	22,420	9.6	1,526	27.0	36	6.4	850	15.1
1950	2,378,963	55,755	23.4	22,450	9.4	1,526	27.4	28	5.0	799	14.3
1951	2,444,000	57,994	23.7	23,300	9.5	1,412	24.3	23	4.0	852	14.7
1952	2,496,100	61,436	24.6	22,874	9.2	1,522	24.8	15	2.4	857	13.9
1953	2,528,200	61,571	24.4	23,279	9.2	1,556	25.3	18	2.9	834	13.5
1954	2,566,000	62,703	24.4	23,238	9.1	1,514	24.1	29	4.6	829	13.2
1955	2,586,100	62,290	24.1	24,410	9.4	1,520	24.4	16	2.6	806	12.9
1956	2,651,900	64,999	24.5	24,207	9.1	1,524	23.4	13	2.0	777	12.0
1957	2,712,700	65,982	24.3	25,140	9.3	1,596	24.2	20	3.0	793	12.0
1958	2,767,900	65,574	23.7	25,429	9.2	1,707	26.0	11	1.7	764	11.7
1959	2,819,000	65,729	23.3	26,229	9.3	1,570	23.9	9	1.4	749	11.4
1960	2,853,214	65,251	22.9	26,505	9.3	1,528	23.4	17	2.6	738	11.3
1961	2,897,000	65,013	22.4	26,353	9.1	1,467	22.6	19	2.9	756	11.6
1962	2,948,000	64,812	22.0	27,343	9.3	1,476	22.8	6	0.9	704	10.9
1963	2,972,000	61,013	20.5	27,550	9.3	1,339	21.9	10	1.6	657	10.8
1964	3,008,000	57,148	19.0	28,106	9.3	1,277	22.3	7	1.2	637	11.1
1965	3,065,000	52,806	17.2	27,379	8.9	1,130	21.4	15	2.8	639	12.1
1966	3,125,000	51,777	16.6	29,035	9.3	1,084	20.9	13	2.5	554	10.7
1967	3,229,000	54,875	17.1	29,302	9.1	1,050	19.1	12	2.2	573	10.4
1968	3,329,000	57,206	17.2	30,360	9.1	1,120	19.6	8	1.4	620	10.8
1969	3,365,000	59,354	17.6	30,504	9.1	1,118	18.8	12	2.0	651	11.0
1970	3,409,169	60,499	17.7	29,901	8.8	1,135	18.8	9	1.5	640	10.6
1971	3,433,000	55,304	16.1	30,318	8.8	1,008	18.2	5	0.9	574	10.4
1972	3,418,800	48,250	14.1	29,747	8.7	805	17.0	6	1.2	428	8.8
1973	3,424,300	47,636	13.9	30,751	9.0	781	16.4	3	0.6	430	9.0
1974	3,448,100	50,096	14.5	29,773	8.6	763	15.2	4	0.8	450	9.0
1975	3,494,124	50,821	14.5	29,778	8.5	798	15.7	5	1.0	421	8.3
1976	3,571,600	53,004	14.8	30,275	8.5	765	14.4	3	0.6	439	8.3
1977	3,661,975	57,256	15.6	29,789	8.1	696	12.2	5	0.9	426	7.4
1978	3,774,294	58,725	15.6	30,469	8.1	737	12.6	4	0.7	465	7.9
1979	3,911,200	64,377	16.5	30,418	7.8	737	11.4	8	1.2	466	7.2
1980	4,130,163	67,857	16.4	32,012	7.8	798	11.8	10	1.5	533	7.9
1981	4,250,123	69,756	16.4	32,022	7.5	731	10.5	7	1.0	489	7.0
1982	4,264,000	69,529	16.3	32,309	7.6	744	10.7	8	1.2	501	7.2
1983	4,285,100	68,705	16.0	32,631	7.6	653	9.5	6	0.9	474	6.9
1984	4,328,100	68,947	15.9	33,788	7.8	704	10.2	7	1.0	444	6.4

*Per 1,000 Population **Per 1,000 Live Births ***Per 10,000 Live Births

1961-1969 population figures are revised estimates provided by the Office of Program Planning and Fiscal Management.

1979-1982 maternal death figures are revised totals based on studies conducted by the Health Data Unit.

DAILY EVENTS IN WASHINGTON STATE 1984



ANALYSIS

NATALITY

PRESENTED THIS YEAR: MATERNAL SMOKING PATTERNS

Thanks to new postnatal care techniques, a low birth weight+ infant's chances of survival are better than ever. In contrast, less success has been achieved in preventing low birth weight. Thus, treatment rather than prevention is mainly responsible for the general pattern of declining infant mortality which has occurred in both Washington and the U.S. in recent years. However, to produce further decreases in infant mortality rates, it may be necessary to focus on prevention of low birth weight, particularly for the high-risk economically-disadvantaged groups. To prevent low birthweight, we must better understand its causes.

One factor known to be strongly associated with low birth weight is maternal smoking. Unlike some of the other identified risk factors (e.g., genetic factors or pre-existing medical conditions), maternal smoking is theoretically preventable if proper prenatal education is given. Therefore, women likely to smoke during pregnancy are an important target population for low birth weight prevention programs. To provide data in this crucial area, an item on maternal smoking was added to the Washington State birth certificate in 1984. This analysis section describes characteristics of women who smoke during pregnancy, their pregnancy outcome, and when they began prenatal care.

+An infant weighing 2500 grams (5 1/2 lbs) or less is considered to be of low birth weight.

NATALITY

MATERNAL SMOKING IS MORE PREVALENT IN CERTAIN GROUPS

About 21 percent (14,677) of the Washington residents who gave birth in 1984 reported smoking during pregnancy. Although the birth certificate did not ask how many of these women quit smoking at some time during the pregnancy, it is likely that most of them did not. Nationally, only 20-25 percent of women who smoke at the beginning of pregnancy quit during the pregnancy.+

Young mothers were the most likely to have smoked during pregnancy. For example, more than a third of teenage mothers smoked, but only 13 percent of mothers aged 35 or older smoked. The proportion of women who smoke during pregnancy decreases with increasing age. In contrast, for women aged 20-44 in the general population, approximately one-third are smokers, regardless of age.++ The implication from these data is that older women are more likely to quit smoking upon becoming pregnant.

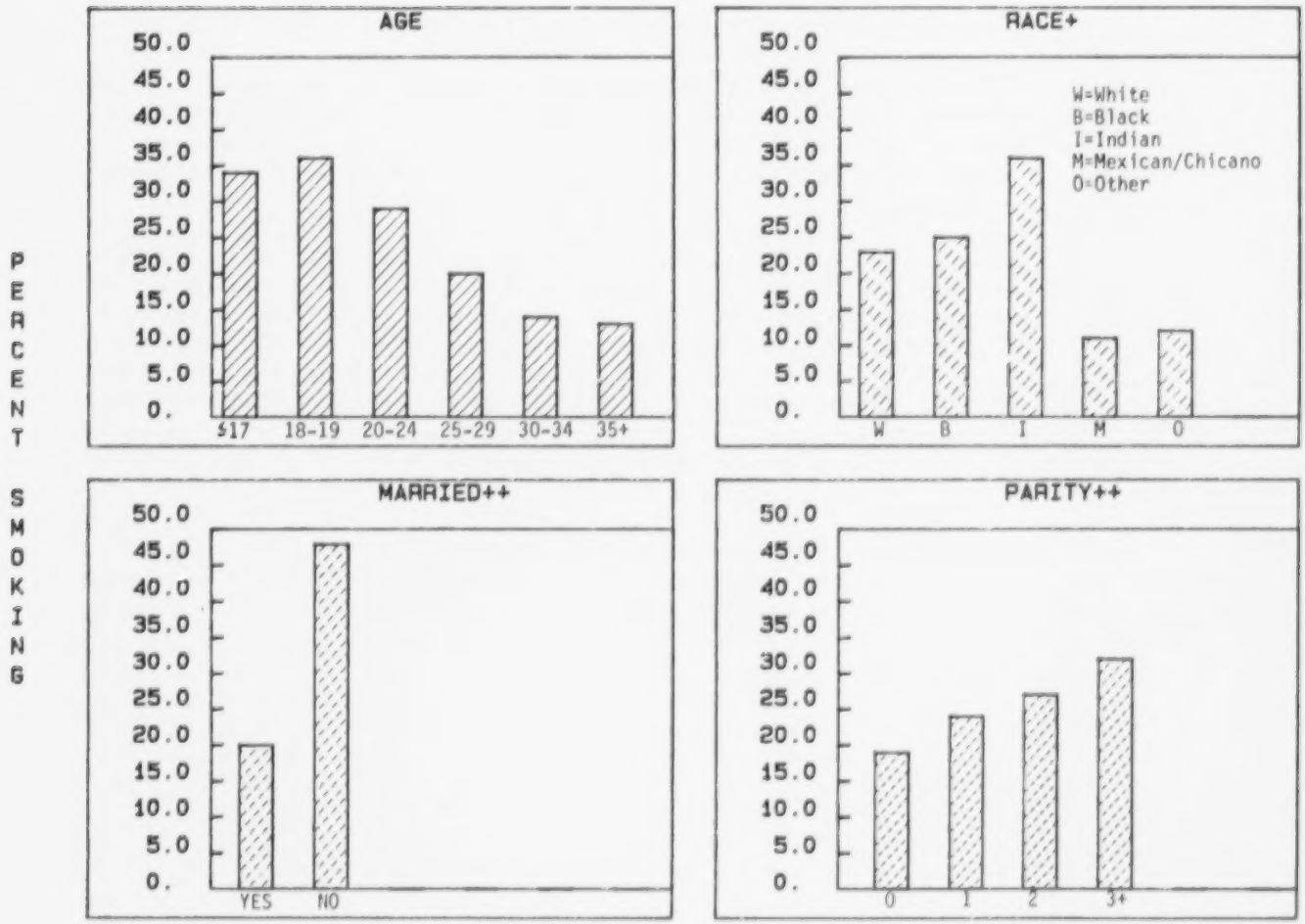
Maternal smoking is also more prevalent in certain racial groups, notably Indians. Mexican/Chicano mothers had the smallest proportion of smokers, in agreement with the fact that Hispanic women in the general population tend to smoke less often than do women of other races.+++

The fact that certain age and race groups have relatively more maternal smokers can obscure (or erroneously create) relationships between smoking and other maternal characteristics. In order to eliminate the confounding factors of age and race, subsequent data are presented for white live births, adjusted to the age distribution of non-smokers. When this adjustment is made, it can be seen that white unmarried mothers and those who have had other children tend to smoke more often during pregnancy. These characteristics, combined with smoking patterns by age and race, suggest a possible relationship between maternal smoking and socioeconomic status, which can be explored by studying data on mother's occupation.

+Institute of Medicine, Preventing Low Birthweight. National Academy Press, Washington, D. C., 1985.
++Health: United States, 1985. U. S. Department of Health and Human Services, Public Health Service.
+++Research studies at University of California at Los Angeles (UCLA) Cancer Center, quoted in the Wall Street Journal, June 25, 1985.

WASHINGTON STATE, 1984

SMOKING BY MATERNAL CHARACTERISTICS



+, AGE-ADJUSTED RATES

++, AGE-ADJUSTED WHITE SINGLETON RATES

NATALITY

UNEMPLOYED WOMEN ARE THE MOST LIKELY TO SMOKE DURING PREGNANCY

A woman's occupation is correlated with whether or not she smokes during pregnancy. Blue collar workers are far more likely to smoke during pregnancy than are white collar workers. Similar differences are found for women in the general population.+ In fact, blue collar women were the only group which did not reduce their smoking rate between 1978 and 1980.+

The same maternal smoking patterns are found for different education groups. For married mothers, 20 years of age and older, the proportion who smoke during pregnancy increases with decreasing education level.++ For example, 40 percent of those with less than 12 years of education smoked during pregnancy, as compared to 16 percent of those with more than 12 years of education.

Of special concern are the unemployed women, half of whom smoked during pregnancy. In 1984, there were 343 female Washington residents whose usual occupation at pregnancy was 'unemployed'. Most (83%) of these women were either unmarried (71%) or had husbands who were also unemployed (12%). In these cases, the potential lack of resources for prenatal care and problems caused by smoking during pregnancy are added to the overall stresses of unemployment and may present special maternal and infant health problems.

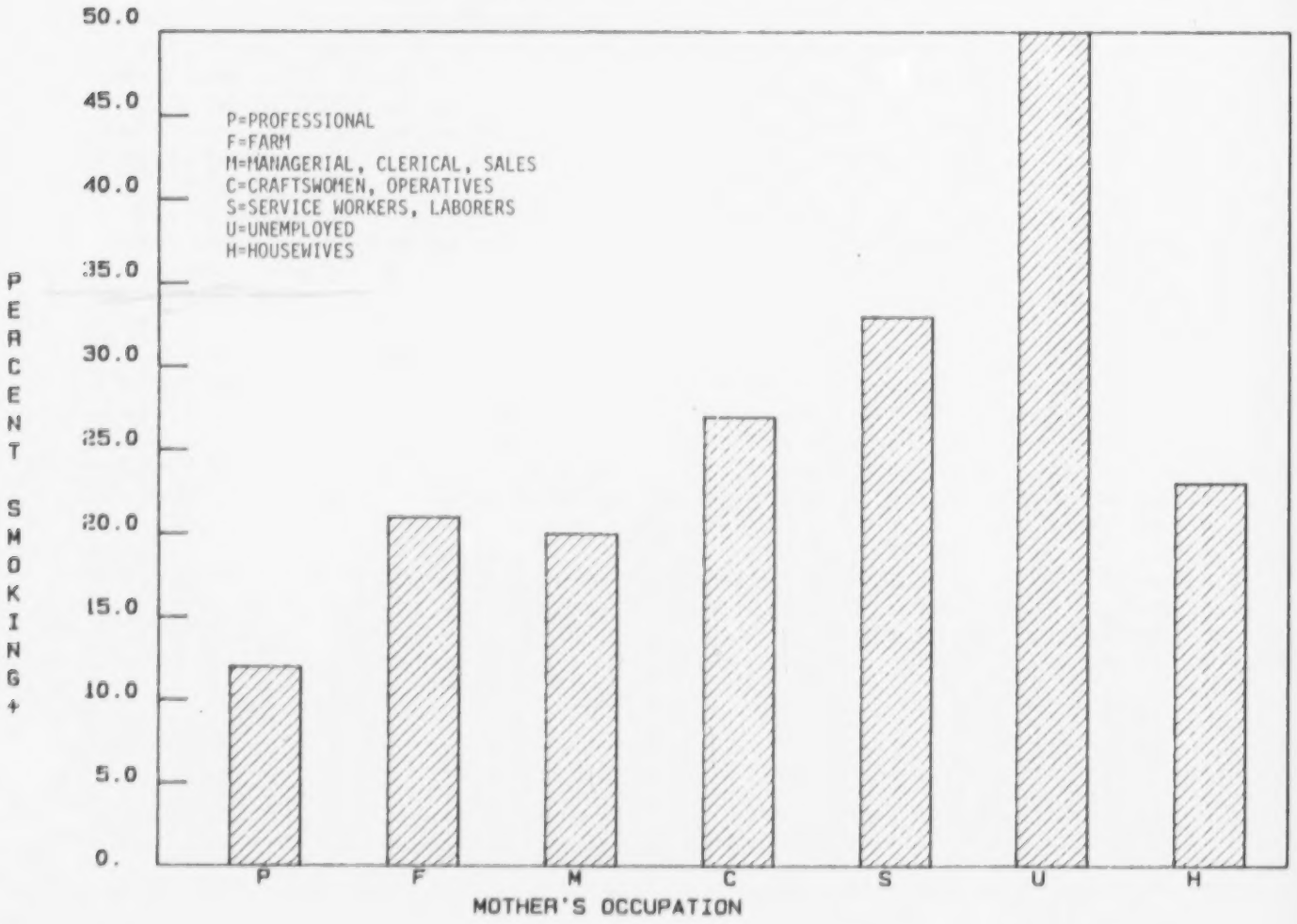
In order to assess the risks posed by smoking during pregnancy, birth outcomes are examined, to see how infants born to women who smoke fare compared to infants born to women who did not smoke during pregnancy.

+Marcus A, UCLA Cancer Center, quoted in the Wall Sreet Journal, June 25, 1985.

++Health: United States, 1985. U. S. Department of Health and Human Services, Public Health Service.

WASHINGTON STATE, 1984

MATERNAL SMOKING BY OCCUPATION



+, AGE-ADJUSTED WHITE SINGLETON RATES

NATALITY

MATERNAL SMOKERS ARE MORE LIKELY TO HAVE LOW BIRTH WEIGHT BABIES AND INFANTS WHO DIE OF SIDS

Women who smoke during pregnancy are more than twice as likely to bear a low birth weight infant as those who do not smoke, even adjusting for differences in age and race. Mothers who smoke are prone to certain complications of labor (abruptio placenta, premature rupture of membranes), which can cause early labor and delivery of a premature infant.+ However, even when their births are not accompanied by complications, infants born to mothers who smoke during pregnancy are much more likely to have low birth weight, compared to uncomplicated births to non-smokers. When the mother smokes, the developing fetus may be deprived of oxygen and nutrients either by carbon monoxide from smoke replacing oxygen in the baby's bloodstream or by nicotine causing narrowing of the blood vessels. Either of these mechanisms can cause intrauterine growth retardation, producing an infant that is small for its gestational age.

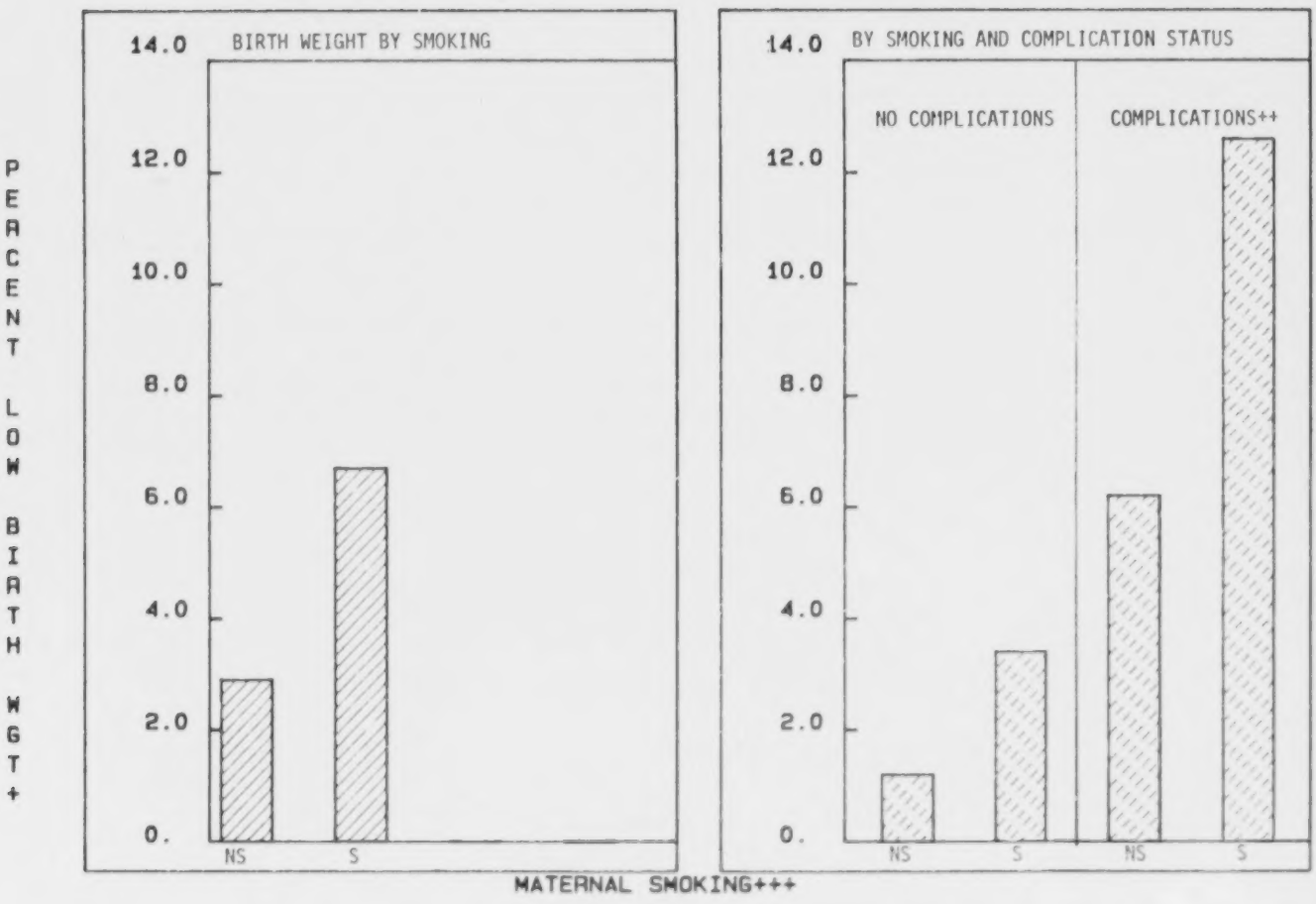
Even for normal birth weight, babies born to smokers fare worse than babies born to women who did not smoke during pregnancy. For example, the incidence of SIDS (Sudden Infant Death Syndrome) is more than three times greater for infants born to maternal smokers. This increased risk may be due either to in utero exposure to smoke or to passive smoke exposure after birth, or both.+

In view of the increased risk of adverse outcome among women who smoke during pregnancy, smoking cessation should be a primary goal of prenatal care.

+Abel EL: Smoking During Pregnancy: A Review of Effects on Growth and Development of Offspring. Human Biology 52(4) 593-625, 1980.

WASHINGTON STATE, 1984

MATERNAL SMOKING - BIRTH OUTCOMES



+, AGE-ADJUSTED WHITE SINGLETON RATES, LOW BIRTH WEIGHT = ≤ 2500 GRAMS

++, COMPLICATIONS INCLUDE COMPLICATIONS DURING OR RELATED TO PREGNANCY, COMPLICATIONS OF LABOR, AND/OR CONDITIONS OF THE NEWBORN

+++, NS = NON-SMOKER, S = SMOKER

NATALITY

SMOKERS BEGIN PRENATAL CARE LATER IN PREGNANCY

Significantly fewer women who began care early in their pregnancy were smokers.+ This finding suggests that women who had early care either were non-smokers or were encouraged to stop smoking early in their pregnancy. In confirmation of the latter, it has been found that smokers who quit during pregnancy entered care earlier than those who did not.++ Also, those who participate in prenatal care courses were found to reduce cigarette consumption more than those who did not.+++ However, in many cases the reduction occurred before the prenatal care actually began. Thus it is possible that women who seek early care are either healthier or more concerned about their health than those who begin care later. This difference could explain, at least in part, why early care is correlated with a decreased incidence of low birth weight.

Even when they begin care in the first trimester of pregnancy, smokers are more than twice as likely to bear a low birth weight infant. As previously noted, relatively more smokers are found among women of low socioeconomic status. Therefore, prenatal care patterns should be examined in conjunction with maternal occupation.

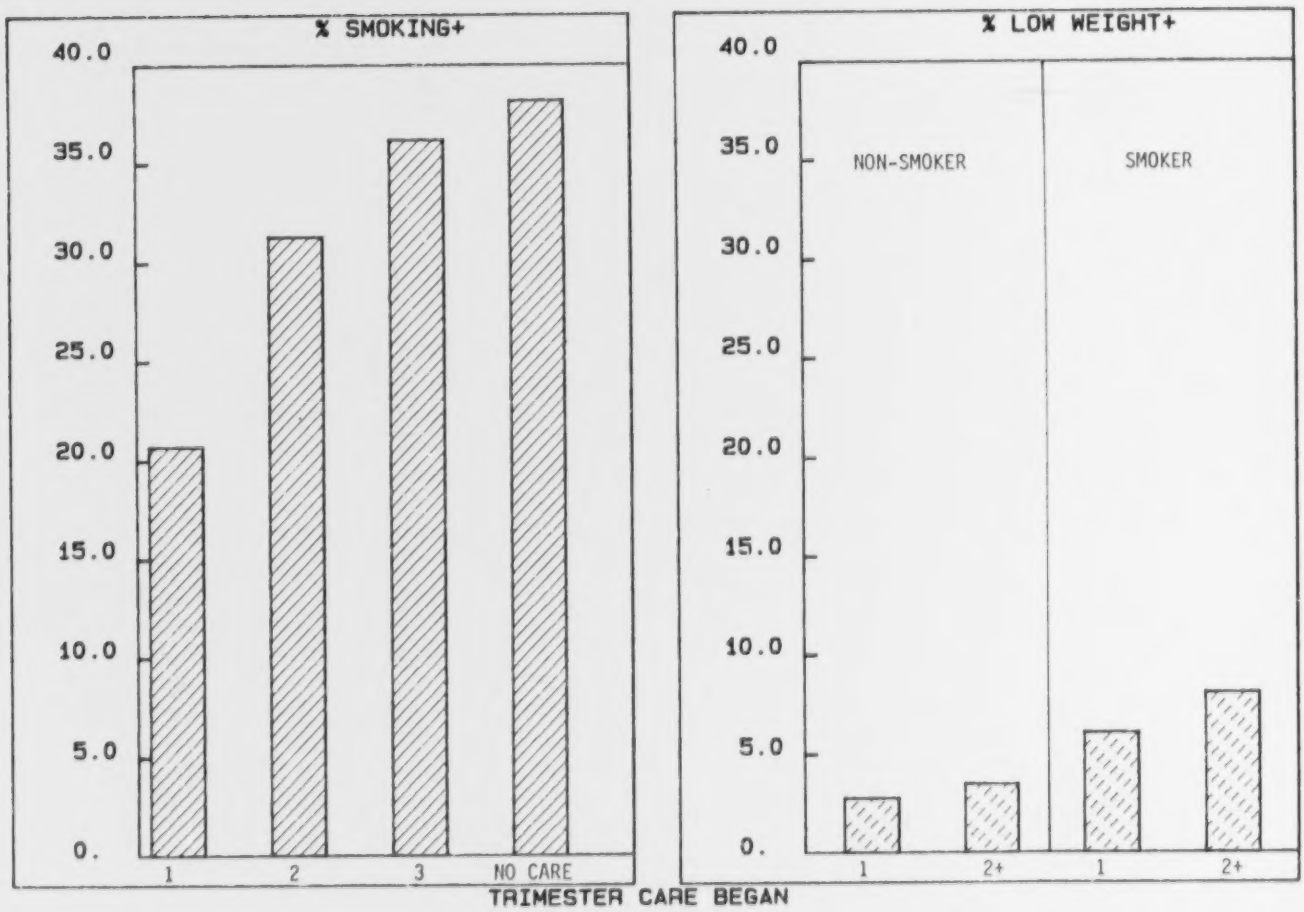
+$P(X^2) < .001$

++Windsor RA, Cutter G et al: The Effectiveness of Smoking Cessation Methods for Smokers in Public Health Maternity Clinics: A Randomized Trial. Am. J. Public Health 75(12) 1389-1392, 1985.

+++Robitaille Y and Kramer MS: Does Participation in Prenatal Courses Lead to Heavier Babies? Am. J. Public Health 75(10), 1186-1189, 1985.

WASHINGTON STATE, 1984

PRENATAL CARE-SMOKING AND BIRTH WEIGHT



+, AGE-ADJUSTED WHITE SINGLETON RATES, LOW BIRTH WEIGHT = ≤ 2500 GRAMS

SMOKERS DO WORSE REGARDLESS OF OCCUPATION

The three largest maternal occupation groups are professional, clerical, and service workers, accounting for 73 percent of the employed Washington women giving birth in 1984. An effect of socioeconomic status is seen in that blue collar workers (service workers) tend to begin prenatal care later than do white collar workers (professional and clerical). Within each occupation group, smokers begin care later, on the average, than do non-smokers. This result suggests that factors in addition to socioeconomic status account for the prenatal care differences between smokers and non-smokers (or between those who quit smoking during pregnancy and those who do not).

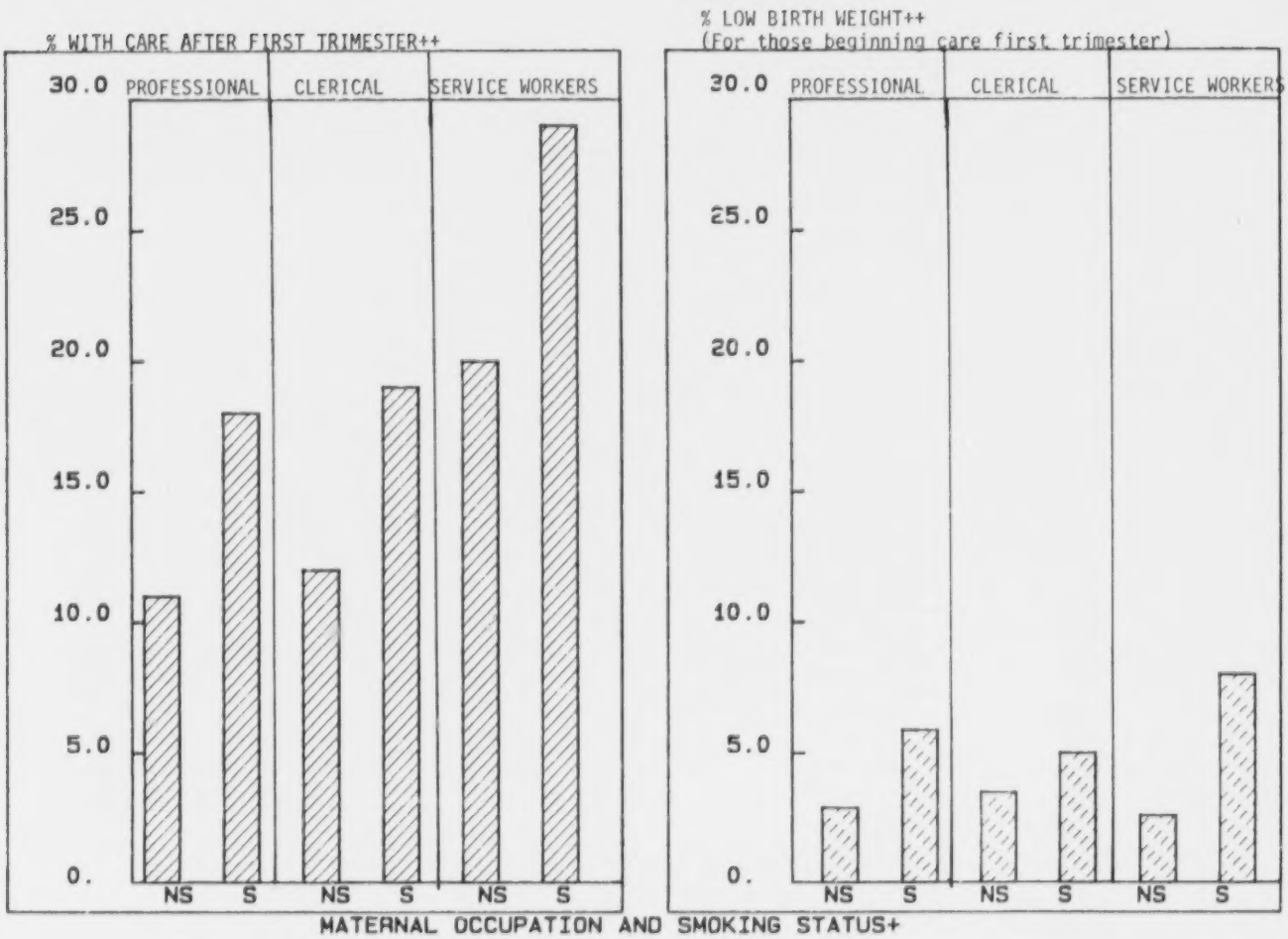
Smokers in the service occupations are more likely to have low birth weight infants than smokers in white collar jobs, even when both groups begin care in the first trimester of pregnancy. No such occupation differences are found, however, for non-smokers. Possibly, service workers who smoke during pregnancy may smoke more heavily than maternal smokers in white collar occupations. Alternatively, a synergistic effect between cigarette smoke and substances to which the service workers are exposed on the job could cause the increased frequency of low birth weight. Among maternal smokers, the most common occupations in this group are hospital/institution attendants and waitresses.

As previously noted, unemployed women represent a special concern in that many of them smoke during pregnancy. These women do tend to start prenatal care later than others; for example, nearly half of the smokers started care after the first trimester. The number of unemployed mothers is too small for reliable conclusions to be made about outcome related to care and smoking status, but these mothers do not appear to have substantially increased frequencies of low birth weight infants. However, unemployed women have a fetal death ratio+ nearly twice as high as that found for women in other occupations. Unfortunately, maternal smoking data are not yet available on the fetal death certificate++ so it is not possible to assess the role that maternal smoking plays in fetal deaths in Washington State.

+Fetal Death Ratio = Number of fetal deaths/1,000 live births
++The 1986 Washington State Fetal Death Certificate will contain an item on maternal smoking.

WASHINGTON STATE, 1984

PRENATAL CARE, OCCUPATION, AND SMOKING



+, NS = NON-SMOKER, S = SMOKER

++, AGE-ADJUSTED WHITE SINGLETON RATES, LOW BIRTH WEIGHT = $\leq$ 2500 GRAMS

CONCLUSION FROM ANALYSIS: MATERNAL SMOKING CESSATION NEEDED

Smoking during pregnancy is associated with increased risk of low birth weight. This finding suggests that low birth weight can be prevented by convincing women to stop smoking during pregnancy, particularly as there is evidence+ that the effects of smoking are reversible upon cessation. The association between smoking and SIDS death is a further argument in favor of smoking cessation.

One way to promote smoking cessation during pregnancy is through prenatal education. However, education programs must do more than provide information about risk, except to a small proportion of the population. A National Health Interview Survey++ showed that 80 percent of those surveyed already believed that cigarette smoking during pregnancy increased the chance of low birth weight of the newborn. To increase their effectiveness, these education programs could address two areas:

1. What causes a woman to quit smoking when she becomes pregnant? One study found that most women who quit smoking during pregnancy were light smokers,+++ which would make it easier for them to quit. The results of the current analysis suggest that older women are the ones most likely to quit smoking during pregnancy, although they are not necessarily lighter smokers.++++ Possibly older women are more concerned about their health or see the risks of smoking as more immediately applicable to them.

2. What is there about early prenatal care that helps smokers reduce their risks of having a low birth weight infant? It should be recognized that not all women can quit smoking during pregnancy because to do so would cause extreme stress, which could be as harmful as smoking. However, through timely care, these women might be encouraged to reduce their smoking, to give the developing fetus a greater chance.

+Wainwright CL: Change in Observed Birth Weight Associated with Change in Maternal Smoking. Am J. Epidem. 117(6), 668-675, 1983.
++Provisional Data. National Center for Health Statistics Advance Data Number 113, November 15, 1985.
+++Windsor RA, Cutter G et al: The Effectiveness of Smoking Cessation Methods for Smokers in Public Health Maternity Clinics: A Randomized Trial. Am. J. Public Health 75(12) 1389-1392, 1985.
++++Health: United States, 1985. op. cit.

MORTALITY

PRESENTED THIS YEAR: ANALYSIS OF FIRE DEATH DATA

In 1984, fires occurring in Washington State caused more than $82 million damage.+ But this property damage is only one of the costs of fire. Injuries caused by fire often result in high medical costs as well as great pain for those affected. Many of those hurt are the firefighters themselves, injured in performance of their duties. For example, in Washington State in 1984, nearly 700 people were injured in fires, with about half of those injured being firefighters.+

In addition to these dollar losses and injuries, fires also cause about 73 deaths each year in Washington State.++ Fires are the fourth leading cause of accidental death and for all but the elderly are the leading cause of accidental death in the home. Often these losses are needless, as fires can generally be prevented by relatively simple measures. Devices or materials currently available can either prevent the fire from starting or permit early detection of the fire, increasing the likelihood of escape. Yet, despite these advances, fire death rates in the United States are higher than those in other major industrialized countries. In fact, a Presidential commission has recommended that, as a start, fire deaths be reduced by five percent per year.+++ Fire death data can help to determine if this goal is being met and may also be useful for developing fire protection strategies. Accordingly, this analysis describes characteristics of the fatal fire and fatal fire victims in Washington State and presents time trends in fire death rates. The analysis does not include deaths due to fires caused by vehicle crashes (5% of fires and fire-related deaths) or deaths due to arson or suspicious fires, which are considered homicides (13% of the fires and 4% of the fire-related deaths.)

+Washington State Fire Incident Reporting System: Annual Report, 1984. Office of State Fire Marshal, Olympia, Wa.

++Based on death certificates registered with the State of Washington Health Division, Department of Social and Health Services.

+++America Burning, The Report of the National Commission on Fire Prevention and Control. U. S. Government Printing Office, Washington, D. C., 1973.

MORTALITY

FATAL FIRES OCCUR IN EARLY MORNING, ON WEEKENDS, IN WINTER

Less than half (41%) of all fires in 1982-84 occurred in private residences. In contrast, nearly all (89%) of the fatal fires occurred in residences during this period, making the home a relatively deadly place to be during a fire. This finding explains the difference in seasonality of fatal fires, as compared to all fires. Whereas the largest number of fires occur during the summer months, the largest number of fatal fires occur in winter, when people are at home more often.

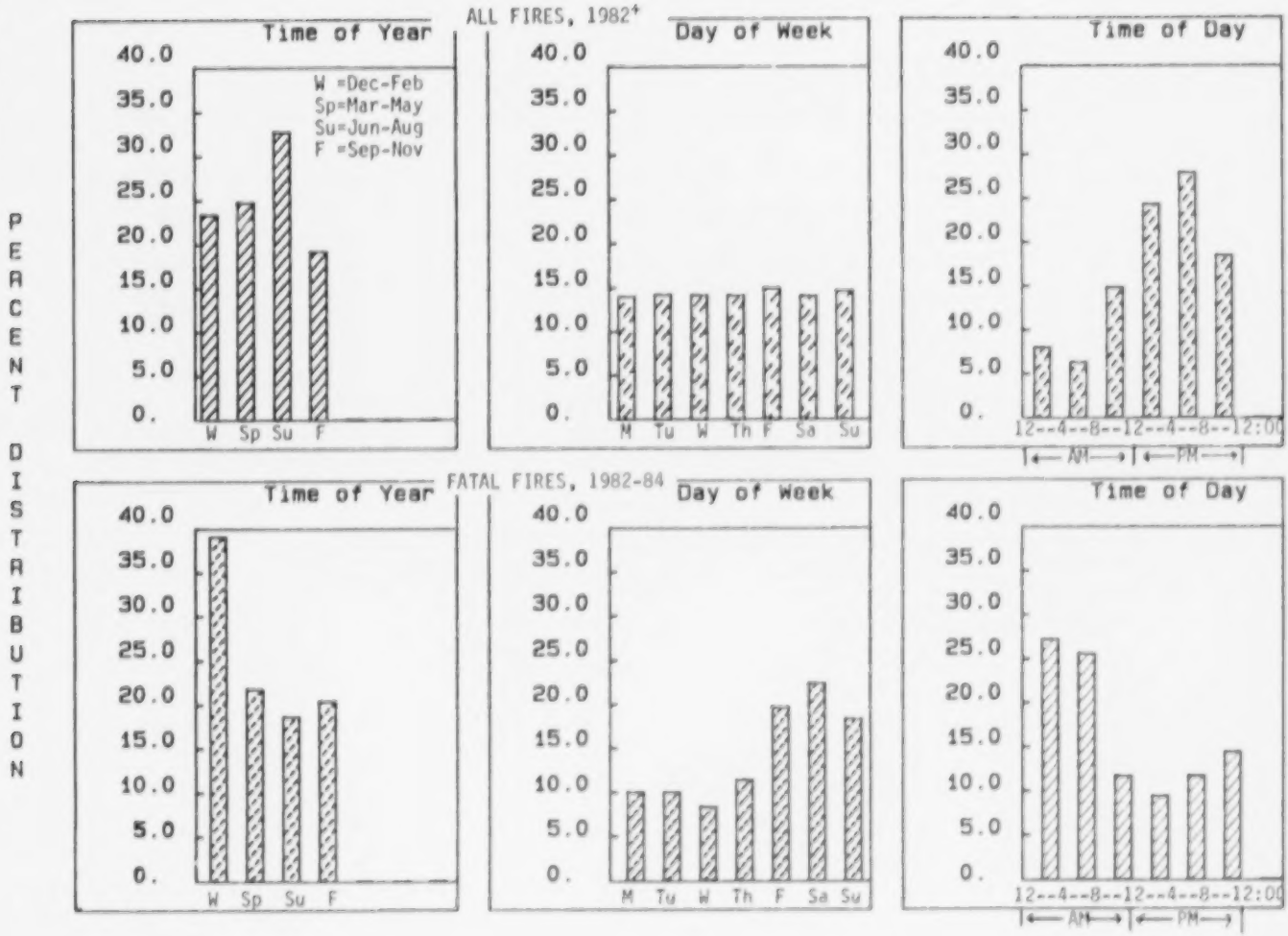
Major causes of residential fires are heating, cooking, smoking, and electrical systems. Of these, the largest number of deaths occur in fires caused by smoking materials igniting furniture or bedding. Alcohol use is also involved in many fatal fires.+ The combination of smoking and alcohol use is particularly deadly because alcohol use increases the possibility that the smoker will be asleep when ignition occurs and thus could be overcome by smoke before being aware of the fire. In fact, most (88%) of the fire deaths were due to smoke inhalation; fewer deaths (12%) were due to burns.

The timing of fires and fatal fires in Washington State is consistent with these fire scenarios. The largest number of fires occur in the afternoon and early evening hours, when people are cooking or turning on furnaces. Although slightly more fires occur on Friday, there is no clear predominance of any one day of the week. Fatal fires, on the other hand, tend to occur in the early morning hours, when people are asleep, and on weekends, as expected if alcohol use is involved. This picture of the fatal fire may help to understand why certain types of people are likely to die in fires.

+Birky MM, Halpin BM, et al: Fire Fatality Study. Fire and Materials 3(4), 211-217, 1979.

WASHINGTON STATE, 1982-84

COMPARISON-ALL FIRES AND FATAL FIRES



4, SOURCE: WASHINGTON STATE FIRE INCIDENT REPORTING SYSTEM:ANNUAL REPORT, 1982. Office of State Fire Marshal, Olympia, Wa.

MORTALITY

HIGH FIRE DEATH RATES FOUND FOR CERTAIN GROUPS

In Washington State, 220 people died in fires during the years 1982-84. This figure amounts to about three deaths for every 1,000 fires occurring in the state. Certain people are more likely than others to die in fires--particularly the elderly, Indians, and people who are divorced or widowed.

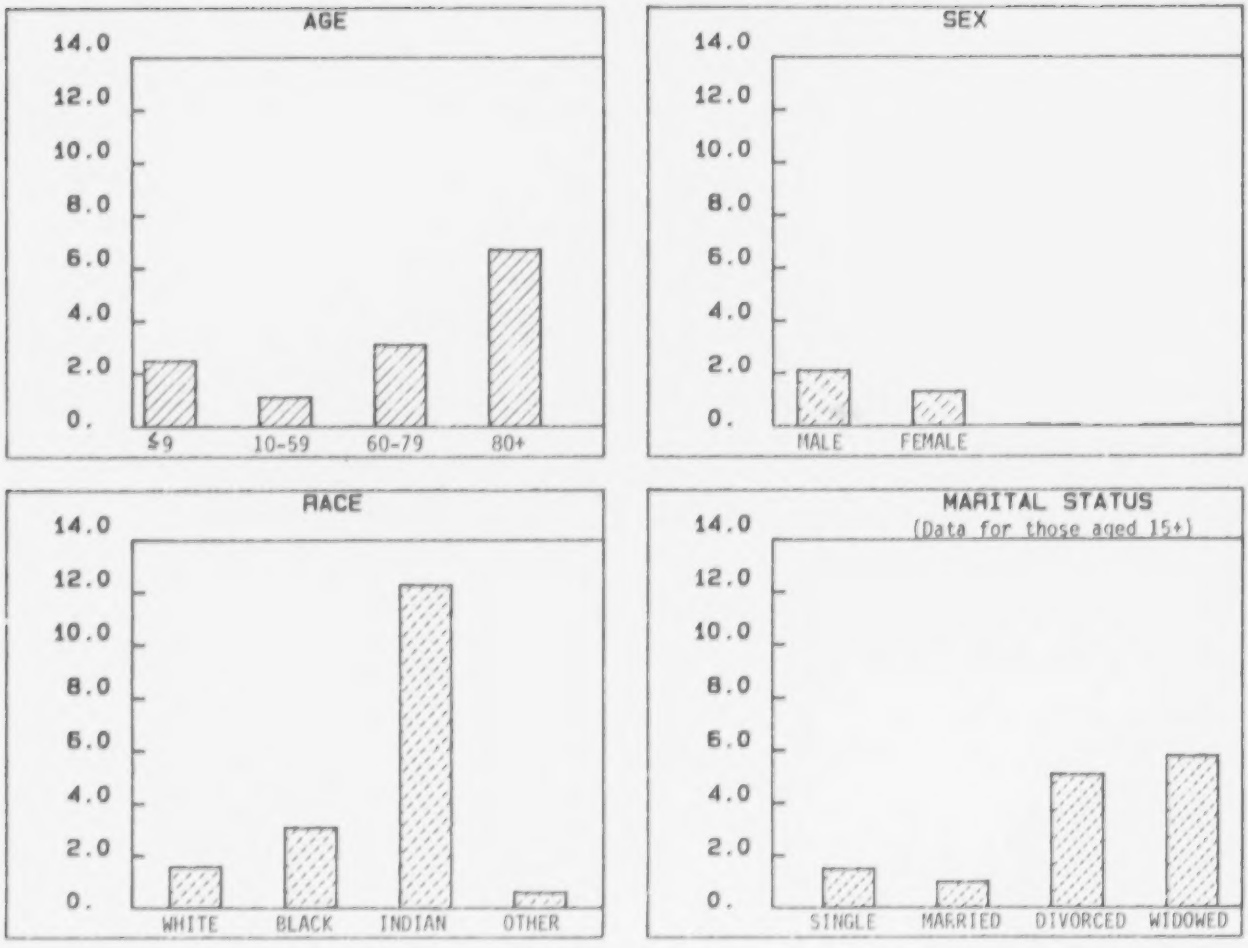
Lifestyle factors can explain some of these patterns. As noted, the most dangerous fires are those which involve smoking and drinking. According to a Health Interview Survey,+ divorced people tend to smoke more often. In addition, a study in Maine showed that smokers drink more than former smokers or non-smokers.++ This smoking-drinking relationship is particularly strong for older men. As a complicating factor, the elderly are somewhat less mobile than the younger population and thus may be less able to escape in time, even if they are alerted to the fire. Increased fire death rates among the widowed could be related less to their marital status than to the fact that they are generally older.

These results describe characteristics of fatal fires and fire victims as found in 1982-84. To relate these data to fire reduction goals, it is necessary to examine time trends in fire death rates.

+Bonham GS and Leaverton PE: Use Habits among Adults of Cigarettes, Coffee, Aspirin, and Sleeping Pills. Vital and Health Statistics Series 10, Number 131 (U.S. Department of Health, Education, and Welfare, Public Health Service, 1979).
++Smoking in Maine: A Report of the Health and Economic Consequences of Cigarette Smoking in Maine, prepared by Division of Education, Maine Department of Human Services, Augusta, Maine, 1983.

WASHINGTON STATE, 1982-84

FATAL FIRE VICTIMS, 1982-84



+, DEATH RATE = NUMBER OF DEATHS/100,000 POPULATION

MORTALITY

FIRE DEATH RATES DECREASING, ESPECIALLY FOR MEN

Nationally, fire death rates have been declining steadily over the past twenty years, for both men and women. For these fire deaths, the rate of decrease has been about two percent per year, far short of the five percent target rate. A different pattern is found for Washington State fire deaths. For males, fire death rates increased yearly until the late 1960's, after which they decreased sharply. In fact, the target rate of five percent decrease per year has been achieved for the time period 1970-84. Fire death rates for Washington State women were relatively constant until the late 1970's, but women are now experiencing the sharp decline in fire death rates seen ten years earlier for men.

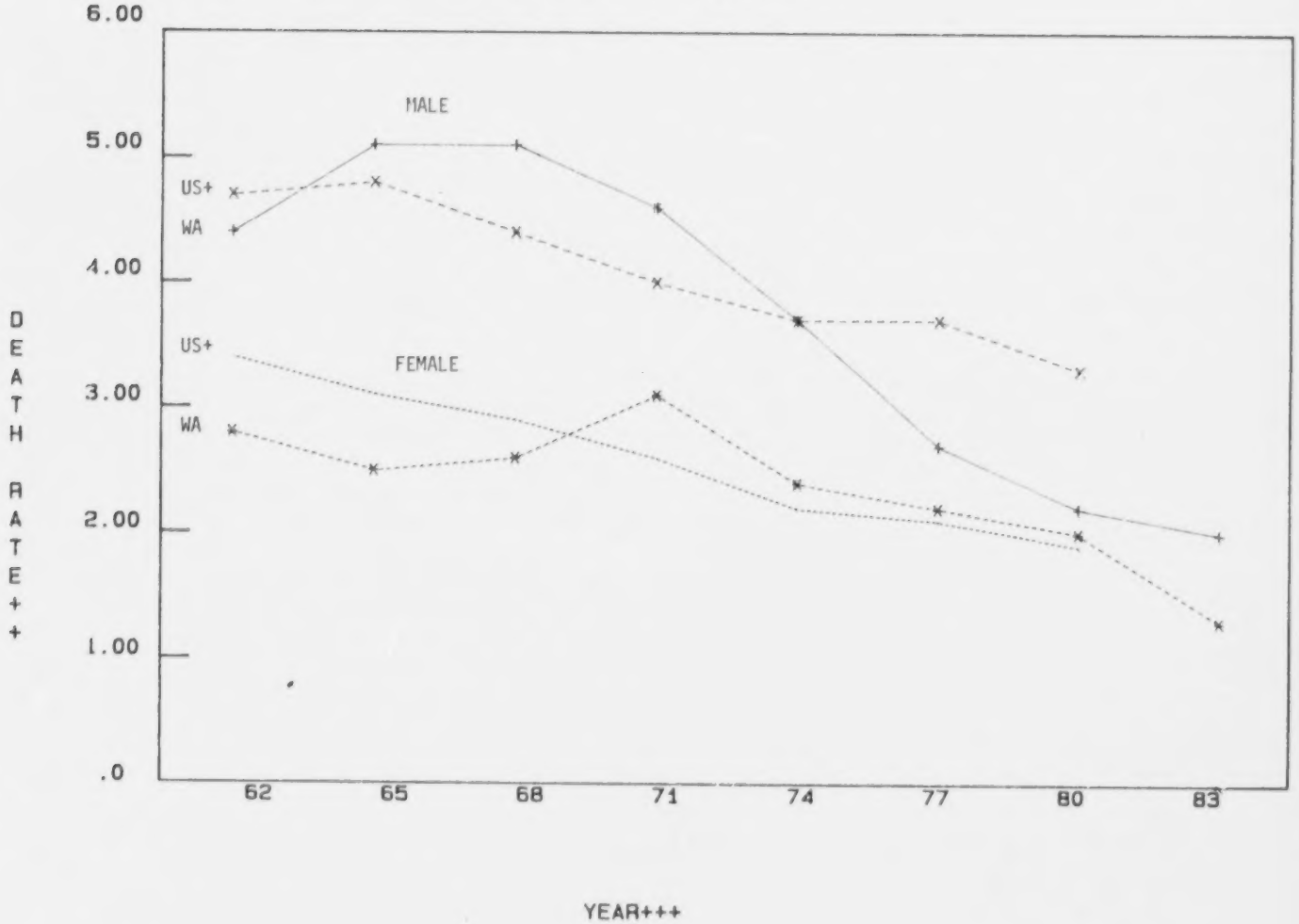
Any explanation for declining fire death rates has to account for the fact that, at least in Washington State, the decrease was relatively sudden and affected men more than women. The steepness of the decline argues in favor of something which is replaced fairly often and would thus rule out such changes as flame retardant furniture coverings. The timing of the decrease, at least for men, also eliminates smoke detector usage as a major factor, because smoke detectors did not gain widespread popularity until the late 1970's. One possibility which is qualitatively consistent with the observed pattern is changes in smoking prevalence. According to national figures,+ the percentage of smokers declined 20 percent for men and five percent for women between 1965 and 1976. For comparison, the male fire death rate declined by 40 percent and the female rate by 12 percent in Washington State. Consistent with these changes is the fact that the number of fires caused by smoking has recently been decreasing, at least at the national level.++

More information, which may help clarify the situation, can be obtained by studying changes in characteristics of the fatal fire.

+Health: United States, 1984. U. S. Department of Health and Human Services, Public Health Service.
++Fire in the United States, Fourth Edition. Federal Emergency Management Agency, Washington, D.C., 1981.

WASHINGTON STATE, 1961-84

FIRE DEATH RATES BY SEX, 1961-84



+, US DATA FOR 1982-84 NOT AVAILABLE

++, DEATH RATE = NUMBER OF DEATHS/100,000 POPULATION

+++, DATA GROUPED IN THREE-YEAR INTERVALS TO PROVIDE MORE STABILITY IN RATES AND GROUPS PLOTTED AT THE MIDPOINT OF THE INTERVAL

MORTALITY

LARGEST DECLINE SEEN FOR FIRES ON WEEKDAYS

In 1972-74, fatal fires in Washington were relatively evenly distributed throughout all days of the week. During the next ten years, however, the number of fatal fires occurring on weekdays were approximately halved, while fires on weekends only decreased by about 30 percent and the number of fires on Friday actually increased. As a result, fatal fires in 1982-84 tend to occur more often on weekends, as previously noted.

The time of day in which the fire occurred can provide information about the cause of the fire. Typically, most heating-related fires occur during the hours of 8-10 AM and 5-6 PM, shortly after furnaces are started.+ Fatal fires occurring during these times had a relatively small decrease, implying that changes in heating systems were not responsible for the decrease in fire death rates. This finding is confirmed by the fact that fatal fires occurring during the heating season did not have a disproportionately large decrease.

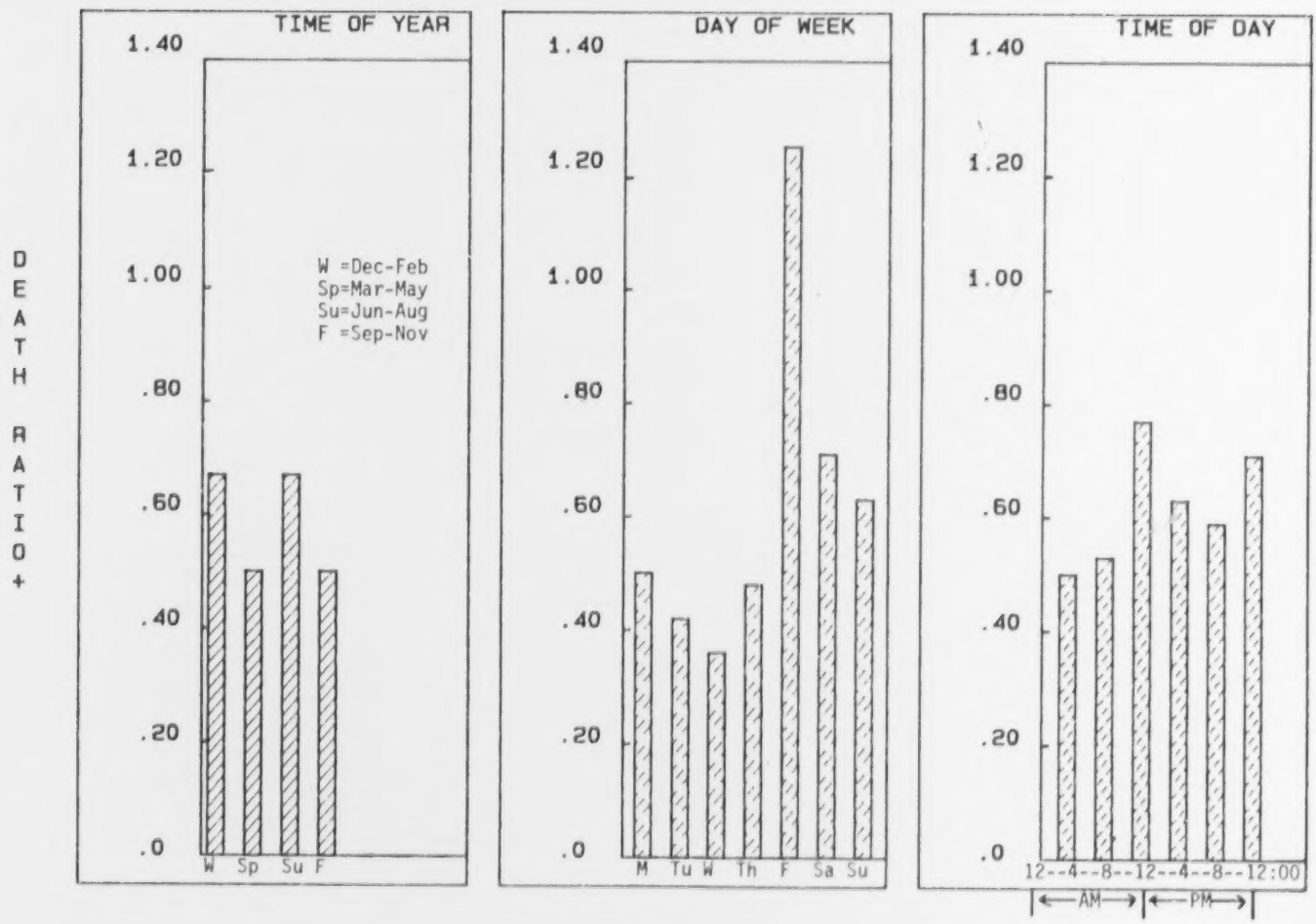
The largest decrease in fatal fires occurred in the early morning hours, especially 3-6 AM. This time is the peak of cigarette-initiated fires, generally without alcohol involvement.++ Unable to sleep, the smoker lights up a cigarette and dozes, initiating the fatal fire. In this case, the fact that fewer people smoke today could have caused the decline in fatal fires.

Given that changes have occurred in characteristics of the fatal fire, it might also be expected that characteristics of the fatal fire victim would change.

+Fire in the United States, Fourth Edition. Federal Emergency Management Agency, Wahington, D.C., 1981.
++Williams-Leir G: Deaths from Clothing and Bedding Fires. Can. J. Public Health 58, 444-453, 1967.

WASHINGTON STATE, 1982-84

FATAL FIRES, 1972-74 vs 1982-84



+, DEATH RATIO = NUMBER OF DEATHS IN 1982-84/NUMBER OF DEATHS IN 1972-74

FIRE DEATH RATES CHANGE LEAST FOR INDIANS, MOST FOR DIVORCED PEOPLE

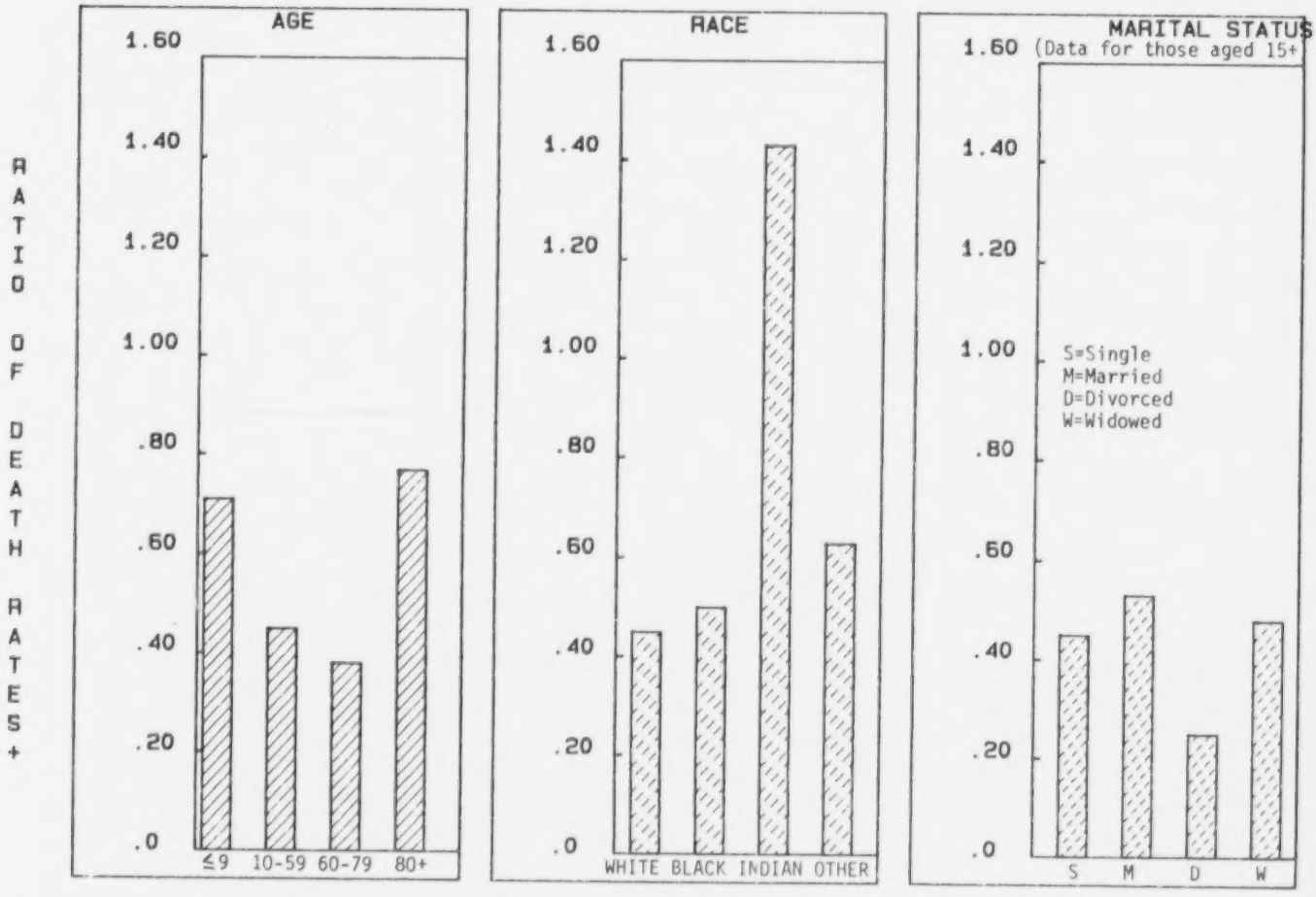
In 1982-84, the fire death rate for Indians actually increased by 40 percent, compared to the 1972-74 rate. This increase occurred because of a relatively large number of Indian fire deaths (15) in 1984. However, even when 1984 is excluded from the analysis, Indian fire death rates still show the least change, decreasing by 30 percent over the decade.

Included in the 15 Indian fire deaths in 1984 are four multiple death fires, which caused 11 deaths, all of them to children under the age of nine. Fire deaths in this group should be watched in future years for signs of trend. In fact, inclusion of these 1984 Indian childhood deaths is the main reason why only a relatively small decrease in fire death rates was found for children under nine. Fire death rates for non-Indian children were nearly halved over the decade, similar to decreases found for older age groups.

Fire death rates for divorced people had a four-fold decrease over the decade. As previously noted, divorced people tend to smoke more often and thus may cause fires more often. Unfortunately, data are not available on trends in smoking prevalence among divorced people. However, it is possible, with the large increase in the divorce rate and the greater acceptability of divorce, that marital status may not have the same meaning with respect to socioeconomic status and lifestyle that it once had. Thus, the decrease in death rates for divorced people may reflect the fact that characteristics of the base population have changed over the decade.

WASHINGTON STATE, 1982-84

FATAL FIRE VICTIMS, 1972-74 vs 1982-84



+, RATIO = DEATH RATE IN 1982-84/DEATH RATE IN 1972-74

MORTALITY

CONCLUSION FROM ANALYSIS: FIRE DEATHS DECREASING BUT PROBLEMS STILL REMAIN

The fatal fire is especially terrible because suffering (and possibly guilt) over loss of a loved one is added to the dollar loss. Fortunately, Washington State now has relatively low fire death rates. In 1979-81, Washington's rates were 24 percent lower than rates in the U.S. as a whole. These favorable rates have not always existed; during the period 1969-71, Washington's rates were 11 percent higher. Although U.S. rates decreased in the intervening decade, Washington State rates decreased still more, particularly for men. Sufficient data are not available to identify the cause of this decline. However, characteristics of the fatal fire and the fatal fire victim suggest that the decrease may be related to a decrease in the relative number of smokers in the population. Having fewer smokers would decrease the number of fires caused by people falling asleep while smoking, which are responsible for many of the fatal fires. While there is no direct evidence that smoking patterns in Washington State parallel decreases found at the national level, the declining lung cancer death rates among young men (aged 35-44) in Washington State+ indicates a possible decrease in cigarette smoking for this group at least.

Although Washington State has relatively low fire death rates, some areas of concern still exist. Fire deaths occurring on weekends and those involving Indians and the very elderly have decreased relatively little over the past decade. These results suggest the possibility of alcohol involvement or other type of incapacitation, which either contributes to the start of the fire or prevents the person from escaping once the fire starts. To address these areas, therefore, emphasis should be placed on prevention rather than detection of the fire. Flame retardant clothing and furniture coverings and self-extinguishing cigarettes are measures which would be useful in this respect. Using these measures, it may be possible to extend the declining fire death rates to these groups as well.

+Starzyk PM: Lung Cancer Deaths among Washington Women. Washington Morbidity Report 1(1), January-February, 1984. Lung cancer is almost entirely caused by smoking.

NATALITY

TABLE 1

LIVE BIRTHS IN WASHINGTON STATE BY SELECTED TOPICS, 1984

A. RESIDENCE, BY RACE BY SEX

	TOTAL	MALE	FEMALE	UNK
TOTAL	68,947	35,405	33,542	
WHITE	58,047	29,893	28,154	
BLACK	3,103	1,591	1,512	
MEXICAN/ CHICANO	2,252	1,124	1,128	
INDIAN	1,627	813	814	
JAPANESE	356	200	156	
CHINESE	287	132	155	
FILIPINO	609	308	301	
OTHER ASIAN	2,196	1,109	1,087	
OTHER	15	4	11	
UNKNOWN	455	231	224	

B. RESIDENCE, BY MOTHER'S AGE GROUP BY SEX

	TOTAL	MALE	FEMALE	UNK
TOTAL	68,947	35,405	33,542	
UNDER 15	103	46	57	
15 - 17	2,177	1,124	1,053	
18 - 19	4,878	2,539	2,339	
20 - 24	21,150	10,800	10,350	
25 - 29	22,678	11,708	10,970	
30 - 34	13,511	6,911	6,600	
35 - 39	3,957	2,031	1,926	
40 - 44	449	225	224	
45 AND OVER	20	9	11	
UNKNOWN	24	12	12	

C. RESIDENCE, BY ORDER OF BIRTH TO MOTHER

		%*
TOTAL	68,947	100.0
1ST CHILD	19,741	28.6
2ND CHILD	22,000	31.9
3RD CHILD	10,029	14.5
4TH CHILD	3,629	5.3
5TH CHILD	1,364	2.0
6TH CHILD	495	.7
7TH CHILD	232	.3
8TH CHILD	107	.2
9TH CHILD	53	.1
10TH OR MORE	73	.1
UNKNOWN	11,224	16.3

D. RESIDENCE, BY ATTENDANT

		%*
TOTAL	68,947	100.0
M.D.	64,480	93.5
MIDWIFE	2,243	3.3
OSTEOPATH	1,239	1.8
NURSE	304	.4
FATHER	121	.2
MOTHER	7	
OTHER	218	.3
UNKNOWN	335	.5

TABLE 1 (CONT'D)

LIVE BIRTHS IN WASHINGTON STATE BY SELECTED TOPICS, 1984

E. RESIDENCE AND OCCURRENCE, BY SEX BY BIRTH WEIGHT IN GRAMS

	RESIDENCE				OCCURRENCE			
	TOTAL	MALE	FEMALE	UNK	TOTAL	MALE	FEMALE	UNK
TOTAL	68,947	35,405	33,542		68,081	34,935	33,146	
1,000 GRAMS & UNDER	293	164	129		289	162	127	
1,001 - 1,500	340	175	165		342	180	162	
1,501 - 2,000	669	344	325		664	345	319	
2,001 - 2,500	2,198	1,017	1,181		2,183	1,013	1,170	
2,501 - 3,000	8,732	3,738	4,994		8,637	3,717	4,920	
3,001 - 3,500	23,575	11,062	12,513		23,278	10,896	12,382	
3,501 - 4,000	22,822	12,398	10,424		22,522	12,196	10,326	
4,001 - 4,500	8,164	5,062	3,102		8,043	4,993	3,050	
4,501 AND OVER	1,913	1,301	612		1,883	1,289	594	
UNKNOWN	241	144	97		240	144	96	

F. RESIDENCE AND OCCURRENCE, LIVE BIRTHS AND FETAL DEATHS BY MONTH

	LIVE BIRTHS		FETAL DEATHS	
	RESIDENCE	OCCURRENCE	RESIDENCE	OCCURRENCE
TOTAL	68,947	68,081	444	456
JANUARY	5,471	5,417	43	45
FEBRUARY	5,248	5,179	29	29
MARCH	5,945	5,864	32	32
APRIL	5,602	5,533	38	38
MAY	6,188	6,131	41	41
JUNE	5,874	5,779	34	35
JULY	6,105	6,026	36	38
AUGUST	6,206	6,123	43	45
SEPTEMBER	5,948	5,864	37	39
OCTOBER	5,715	5,644	32	33
NOVEMBER	5,137	5,079	37	38
DECEMBER	5,508	5,442	42	43

TABLE 1 (CONT'D)

LIVE BIRTHS IN WASHINGTON STATE BY SELECTED TOPICS, 1984

G. OCCURRENCE, METHOD OF DELIVERY

TOTAL		68,081
INDUCED LABOR		
C-SECTION		
PRIMARY		178
REPEAT	—	10
VAGINAL DELIVERY		
VACUUM EXTRACTION		49
OUTLET FORCEPS		161
AFTER PREVIOUS C-SECTION		4
WITHOUT OTHER OB PROC.		987
OTHER		16
LABOR, NOT INDUCED		
C-SECTION		
PRIMARY		6,842
REPEAT		4,125
VAGINAL DELIVERY		
SPONTANEOUS		42,769
VACUUM EXTRACTION		1,337
OUTLET FORCEPS		5,570
AFTER PREVIOUS C-SECTION		231
OTHER		649
METHOD OF DELIVERY		
UNKNOWN		5,153

H. TYPE OF PLACE BY OCCURRENCE

		%*
TOTAL	68,081	100.0
GENERAL HOSPITAL	61,511	90.3
FEDERAL FACILITY	4,513	6.6
HOME	1,051	1.5
BIRTH CENTER	590	.9
BORN ON ARRIVAL	71	.1
OTHER AND UNKNOWN	345	.5

I. RESIDENCE, MULTIPLE LIVE BIRTHS

SETS OF TWINS	696
SETS OF TRIPLETS	11

J. RESIDENCE, MATERNAL SMOKING

YES	14,677
NO	49,361
UNKNOWN	4,909

*DETAIL MAY NOT ADD TO 100% DUE TO ROUNDING

TABLE 2

LIVE BIRTHS WITH RATES BY PLACE OF RESIDENCE AND OCCURRENCE, BY SEX, WASHINGTON STATE 1984

COUNTY AND CITY	RESIDENCE				OCCURRENCE	
	NUMBER	RATE	MALE	FEMALE	NUMBER	RATE
STATE TOTALS	68,947	15.9	35,405	33,567	69,081	15.7
ADAMS	308	22.5	153	155	268	19.6
ASOTIN	264	15.6	139	125	3	.2
BENTON	1,988	18.5	1,048	940	2,370	22.0
KENNEWICK	866	22.7	469	397	788	21.2
RICHLAND	515	16.3	275	240	1,291	40.8
CHELAN	841	17.7	445	396	1,230	25.9
WENATCHEE	343	19.8	178	165	1,072	61.9
CLALLAM	830	15.7	427	403	840	15.9
PORT ANGELES	296	17.2	150	146	780	45.3
CLARK	3,165	15.7	1,488	1,477	2,119	10.5
VANCOUVER	1,215	20.4	648	567	2,095	48.9
COLUMBIA	52	12.7	27	25	39	9.5
COWLITZ	1,107	13.9	557	550	1,208	15.1
KELSO	200	16.5	105	95	1	.1
LONGVIEW	499	16.6	240	249	1,202	40.3
DOUGLAS	361	16.0	171	190	3	.1
FERRY	91	14.9	39	52	49	8.0
FRANKLIN	795	21.9	387	408	503	13.9
PASCO	524	27.7	270	254	501	26.5
GARFIELD	31	12.4	13	18	16	6.4
GRANT	937	18.9	500	437	764	15.4
MOSES LAKE	236	23.0	130	108	612	59.1
GRAYS HARBOR	1,056	16.2	525	529	785	12.1
ABERDEEN	282	16.2	130	152	750	43.1
ISLAND	879	18.4	454	425	740	15.5
OAK HARBOR	325	28.6	171	154	5	.4
JEFFERSON	226	13.2	117	107	169	9.9
KING	19,018	14.3	9,754	9,264	20,737	15.7
AUBURN	533	18.5	271	262	568	19.5
BELLEVUE	841	10.7	441	400	2,121	27.0
DES MOINES	94	7.2	47	47	1	.1
KENT	463	17.6	245	218	20	.8
KIRKLAND	287	19.6	162	125	1,191	59.0
MERCER ISLAND	161	7.7	76	85	1	
REDMOND	385	14.1	209	176	1,775	66.9
RENTON	596	17.9	300	296	1,960	58.8
SEATTLE	6,679	13.6	3,359	3,320	12,815	26.1
KITSAP	2,723	16.8	1,427	1,296	2,330	14.3
BREMERTON	858	25.3	427	431	1,495	44.0
KITTITAS	332	13.3	169	163	297	11.9
ELLENSBURG	136	11.6	67	67	282	24.1
KLICKITAT	254	15.4	140	114	213	12.9
LEWIS	895	15.8	457	438	874	15.4
CENTRALIA	250	21.2	119	131	397	33.7
LINCOLN	125	12.8	71	54	54	5.5
MASON	514	14.8	251	263	202	5.8
OKANOGAN	573	18.0	299	274	535	16.8
PACIFIC	236	13.3	120	116	83	4.7
PEND OREILLE	130	14.3	70	60	107	11.8
PIERCE	9,296	18.1	4,786	4,510	10,342	20.1
PUYALLUP	290	15.6	156	134	1,280	68.8
TACOMA	3,049	19.1	1,573	1,476	6,184	38.8
SAN JUAN	93	10.4	48	45	30	3.4
SKAGIT	1,095	16.4	533	562	1,361	20.4
MOUNT VERNON	271	19.9	130	141	860	62.6
SKAMANIA	119	15.1	59	60	3	.4
SNOHOMISH	6,295	17.2	3,236	3,061	6,618	12.6
EDMONDS	625	15.1	312	308	1,590	57.0
EVERETT	1,267	22.7	663	624	2,493	44.0
LYNNWOOD	464	20.9	248	216	19	.8
MOUNTLAKE TERRACE	258	16.1	135	123	4	.2
SPOKANE	5,631	16.1	2,854	2,777	6,417	18.4
SPOKANE (CITY)	2,983	17.4	1,491	1,492	5,894	34.4
STEVENS	490	15.3	264	226	335	11.1
THURSTON	2,056	15.1	1,074	982	2,099	15.4
LACEY	260	17.9	143	117	5	.3
OLYMPIA	772	26.8	407	365	2,089	72.6
WAHKIAKUM	36	9.5	16	20		
WALLA WALLA	646	13.3	317	329	952	19.6
WALLA WALLA (CITY)	391	15.2	202	189	951	37.1
WHATCOM	1,629	14.3	826	803	1,541	13.6
BELLINGHAM	629	13.7	315	314	1,522	33.1
WHITMAN	500	12.6	250	250	507	12.8
PULLMAN	231	10.1	107	124	440	19.3
YAKIMA	3,336	18.5	1,700	1,636	3,298	18.3
YAKIMA (CITY)	988	19.6	480	488	2,409	48.0

OCCURRENCE ➡

TABLE 3 — LIVE BIRTH INTER-COUNTY TRAVEL PATTERNS

RESIDENCE ⬇	ADAMS	ASOTIN	BENTON	CHELAN	CLALLAM	CLARK	COLUMBIA	COWLITZ	DOUGLAS	FERRY	FRANKLIN	GARFIELD	GRANT	GRAYS HARBOR	ISLAND	JEFFERSON	KING
ADAMS	199		9	1		1					4		36				
ASOTIN		3										1					1
BENTON	1		1749			1					145		2				3
CHELAN				794													25
CLALLAM					804									2		1	12
CLARK			1			2017		10									3
COLUMBIA							33	1				1					1
COWLITZ						36		996									2
DOUGLAS				310					3				3				6
FERRY										49							
FRANKLIN	25		399	1							340		8				2
GARFIELD												14					
GRANT	41		10	115							1		666				5
GRAYS HARBOR						1		3						716			16
ISLAND															723		34
JEFFERSON					25									9		165	10
KING	1		1	1	3	1									1	1	17877
KITSAP			1	1									1			1	221
KITTITAS				1													11
KLICKITAT			1			1									1		2
LEWIS								29									6
LINCOLN													10				
MASON					2												16
OKANOGAN				5									34				2
PACIFIC								4						55			4
PEND OREILLE																	
PIERCE					2	1		2						2		1	486
SAN JUAN																	8
SKAGIT															11		35
SKAMANIA						28											
SNOHOMISH								1							4		1855
SPOKANE			1										1				4
STEVENS			1														
THURSTON			1			1		1					1	1			29
WAHKIAKUM								27									2
WALLA WALLA			15				6				2		1				1
WHATCOM													1				27
WHITMAN																	
YAKIMA			153		1	1					2						7
OUT-OF-STATE	1		28	1	3	30		134			9						64

WASHINGTON STATE RESIDENTS AND OCCURRENCES, 1984

KITSAP	KITTITAS	KLICKITAT	LEWIS	LINCOLN	MASON	OKANOGAN	PACIFIC	PEND OREILLE	PIERCE	SAN JUAN	SKAGIT	SKAMANIA	SNOHOMISH	SPOKANE	STEVENS	THURSTON	WAHKIAKUM	WALLA WALLA	WHATCOM	WHITMAN	YAKIMA	OUT-OF-STATE
				2					1					46						1	3	4
														7						6		246
														11				9			60	7
1						11			1					7								2
3									1							2			1			4
			1						1			1				1					1	1129
																		16				
			9				3		2				1						1			57
						31			1					4		1					1	1
						1								17	18							6
														6				7			5	2
																				1		16
	15			4		8								57						1	10	4
1			24		3		25		19				2			243						1
									16		75		24						2			5
9					3				1										1			1
10	4		3				1		801		4		266	1		9			2		3	28
2130					1				340				18			3						6
	276								1				1								42	
		139																			5	105
2			**745**						30							78					1	4
				43		1								71								
94					**189**				42							170						1
		1				**478**							1	41							1	10
			5				**53**									8						107
								70						46	9							5
68			5		1				**8655**				6	1		34		1			3	26
										29	47		1						8			
									5		**1015**		16	1					9			3
		41										**2**										48
2			2						9		138		**4266**	1					6			11
						1		2						**5582**	3						1	36
				5										171	**303**					1		9
1	1	1	80		3				387				1			**1544**						4
														1								6
														4				**609**				8
						1					76		5	1		1			**1505**			12
						1								82	1			1		**385**	1	29
		1							1					1							**3156**	13
9	1	30			2	2	1	35	28	1	6		9	258	1	5		309	6	112	5	

TABLE 4

LIVE BIRTHS BY RACE BY PLACE OF RESIDENCE, WASHINGTON STATE 1984

COUNTY AND CITY	TOTAL	WHITE	BLACK	MEXICAN/ CHICANO	INDIAN	JAPA- NESE	CHI- NESE	FILI- PINO	OTHER ASIAN	OTHER	UNKNOWN
STATE TOTALS	68,947	58,047	3,103	2,252	1,627	356	287	609	2,196	15	455
ADAMS	308	264	1	38	1	1					3
ASOTIN	264	256		1	4	2		1			
BENTON	1,988	1,753	25	146	12	5	4	9	33		1
KENNEWICK	846	739	12	62	4	2	3	4	20		
RICHLAND	515	476	7	9	4	2	1	4	11		1
CHELAN	861	732	2	87	10	1		2	6	1	
WENATCHEE	343	298	2	30	7	1		1	4		
CLALLAM	830	764	3	9	51	2	4	2	8		7
PORT ANGELES	296	273	1	1	7	1	3	2	3		5
CLARK	3,165	2,860	76	27	44	8	5	14	63		88
VANCOUVER	1,215	1,037	45	12	22	5	3	11	42		40
COLUMBIA	52	45		7							
COWLITZ	1,107	1,073		4	13	1	4	1	10		1
KELSO	200	197			2				1		
LONGVIEW	689	670		1	4	1	4		9		
DOUGLAS	361	310		46	1				3	1	
FERRY	91	63			22						6
FRANKLIN	795	676	34	256	9	2	2	2	16		
PASCO	524	256	33	210	6	1	2	2	14		
GARFIELD	31	31									
GRANT	937	868	10	53	11	7	1		2	4	1
MOSES LAKE	238	216	7	6	2	3	1		1	2	
GRAYS HARBOR	1,054	916	6	7	73	1	2	6	21		22
ABERDEEN	282	239	3	3	16		1	2	12		6
ISLAND	879	790	27	3	13	2	1	23	19		1
OAK HARBOR	325	276	16	1	5	2		14	11		
JEFFERSON	224	206	1	4	12				1		
KING	19,018	15,398	1,622	127	281	168	196	277	1,063	3	103
AUBURN	533	488	5	1	15	3		3	15		3
BELLEVUE	841	704	35	8	5	6	12	8	58		5
DES MOINES	94	90	1	1	1				1		
KENT	463	397	16	6	9	5			29		1
KIRKLAND	287	264	5	2	1	4	1	1	7		2
MERCER ISLAND	161	148	1				2	2	8		
REDMOND	385	346	6	2	1	4	6	4	16		2
RENTON	596	487	32	6	12	6	5	12	31		7
SEATTLE	6,679	4,509	1,067	41	129	62	118	156	547	3	47
KITSAP	2,723	2,350	106	28	62	11	4	90	68	4	
BREMERTON	858	665	72	14	24	3	2	48	37	3	
KITTITAS	332	313	3	7	4			1	3		1
ELLENSBURG	134	123	3	2	1			1	3		1
KLICKITAT	254	231		12	10	1					
LEWIS	895	847	5	13	9	1		3	5		12
CENTRALIA	250	235	1	3	2	1			3		5
LINCOLN	125	119		2	3				1		
MASON	514	455	2	6	33	4		4	2		8
OKANOGAN	573	402	1	57	102				1		10
PACIFIC	236	222	1	1	5			1	5		1
PEND OREILLE	130	123			5	2					
PIERCE	9,296	7,304	1,052	109	168	77	20	91	465	1	7
PUYALLUP	299	267	4	3	8			1	6		1
TACOMA	3,069	2,244	454	29	85	27	9	27	171	1	2
SAN JUAN	93	87	2		1	1			2		
SKAGIT	1,095	1,022	3	21	31	4	1	3	9		1
MOUNT VERNON	273	255	2	7	4	2		2	1		
SKAMANIA	119	112		2	3			1	1		
SNOHOMISH	6,295	5,773	76	34	116	22	21	38	161		54
EDMONDS	420	377	5	2	3	2	3	4	23		1
EVERETT	1,287	1,153	15	10	32	5	4	9	39		20
LYNNWOOD	486	438	8	2	11			1	24		
MOUNTLAKE TERRACE	258	231	3	1	4	1	2	3	13		
SPOKANE	5,631	5,184	141	42	117	21	5	15	97		9
SPOKANE (CITY)	2,983	2,673	97	31	96	10	3	9	62		4
STEVENS	490	435	1	2	40	1		1	2		8
THURSTON	2,056	1,803	45	17	36	10	5	7	72		61
LACEY	260	207	6	1	6	3	2	2	24		9
OLYMPIA	772	674	18	7	11	5	3	4	32		20
WAHKIAKUM	36	35	1								
WALLA WALLA	666	581	8	40	6	2	3	1	4		1
WALLA WALLA (CITY)	391	351	6	21	5	2	2	1	2		1
WHATCOM	1,629	1,433	9	37	97	6	1	3	16		27
BELLINGHAM	629	561	5	11	32	3		1	6		10
WHITMAN	500	457	5	4	5	2	5		21		1
PULLMAN	231	196	5	3	3	1	5		18		
YAKIMA	3,336	2,016	35	1,003	217	11	3	13	16	1	21
YAKIMA (CITY)	968	669	30	223	25	5	2	4	4	1	3

TABLE 6

LIVE BIRTHS BY MOTHER'S AGE GROUP BY PLACE OF RESIDENCE, WASHINGTON STATE 1984

COUNTY AND CITY	ALL AGES	UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	AGE UNKNOWN
STATE TOTALS	68,947	103	2,177	4,878	21,150	22,678	13,511	3,957	449	20	24
ADAMS	308	1	12	30	106	95	46	17	3		
ASOTIN	264		11	26	96	81	36	16			
BENTON	1,988	2	60	159	594	698	373	83	19		
KENNEWICK	846	2	20	74	276	305	136	28	5		
RICHLAND	515		15	38	142	182	108	24	6		
CHELAN	861	2	37	81	268	268	166	33	5	1	
WENATCHEE	343		18	39	100	110	62	13	1		
CLALLAM	830	2	23	67	294	254	149	36	3	1	1
PORT ANGELES	296		9	26	98	94	54	13	1	1	
CLARK	3,165	1	104	254	1,060	1,018	576	133	18		1
VANCOUVER	1,215		65	135	486	365	142	34	8		
COLUMBIA	52		3	3	19	13	11	2	1		
COWLITZ	1,107	1	52	102	419	308	179	41	4	1	
KELSO	200		10	28	78	47	30	6	1		
LONGVIEW	489		27	46	204	126	68	17		1	
DOUGLAS	361	1	22	28	108	128	59	14	1		
FERRY	91		1	10	35	24	16	5			
FRANKLIN	795		46	78	262	256	109	38	6		
PASCO	524		36	65	174	156	65	24	4		
GARFIELD	31			4	10	11	4	2			
GRANT	937		34	94	328	283	133	58	7	2	
MOSES LAKE	238		9	26	91	62	36	10	3	1	
GRAYS HARBOR	1,056	2	50	107	353	321	175	39	7		
ABERDEEN	282		18	34	97	85	37	10	1		
ISLAND	879		10	57	353	284	126	43	8		
OAK HARBOR	325		5	30	139	100	39	10	2		
JEFFERSON	224		10	20	66	57	51	15	5		
KING	19,018	33	438	961	4,651	6,463	4,796	1,523	159	6	10
AUBURN	533		27	66	220	153	71	14	2		
BELLEVUE	861		12	31	188	309	202	87	10	1	1
DES MOINES	96			5	25	39	23		2		
KENT	463	2	4	29	168	163	81	15	1		
KIRKLAND	287		7	12	76	107	68	15			2
MERCER ISLAND	161			1	12	58	55	28	6	1	
REDMOND	385		4	17	62	131	123	43	5		
RENTON	596	1	11	41	219	188	106	26	3		1
SEATTLE	6,679	20	203	370	1,665	2,052	1,855	642	69	1	2
KITSAP	2,723	4	68	196	903	913	477	144	16	1	1
BREMERTON	858	2	26	84	358	261	106	22	1		
KITTITAS	332		6	21	91	115	75	22	1		1
ELLENSBURG	134		4	8	48	44	23	6			1
KLICKITAT	254		9	21	93	74	41	16			
LEWIS	895		47	88	344	234	135	41	6		
CENTRALIA	250		17	24	107	65	33	2	2		
LINCOLN	125		2	7	43	52	16	5			
MASON	514	1	15	44	166	167	90	30	1		
OKANOGAN	573	2	31	65	211	157	96	26	4	1	
PACIFIC	236	2	5	22	88	61	39	17	2		
PEND OREILLE	130	2	5	16	46	24	34	5			
PIERCE	9,296	14	356	799	3,306	2,991	1,374	409	40	4	1
PUYALLUP	290		7	18	90	110	50	13	1		1
TACOMA	3,049	7	153	276	1,008	983	467	143	10	2	
SAN JUAN	93			3	17	38	25	8	2		
SKAGIT	1,095		36	75	337	384	205	51	7		
MOUNT VERNON	273		7	22	102	81	49	11	1		
SKAMANIA	119		6	15	47	28	14	9			
SNOHOMISH	6,295	6	156	372	1,808	2,313	1,241	369	47		3
EDMONDS	620		5	13	112	165	87	51	6		1
EVERETT	1,287	3	65	113	486	396	197	45	6		
LYNNWOOD	484	1	7	46	172	167	70	19	1		1
MOUNTLAKE TERRACE	258		8	8	69	101	57	12	3		
SPOKANE	5,631	6	173	397	1,851	1,863	1,040	273	28		
SPOKANE (CITY)	2,983	4	102	225	984	1,004	527	129	8		
STEVENS	490		20	47	148	151	95	28	1		
THURSTON	2,056	2	73	164	673	631	412	103	15	2	1
LACEY	260		12	21	94	80	40	12		1	
OLYMPIA	772		31	53	267	229	164	42	4	1	1
WAHKIAKUM	36	1			10	11	10	4			
WALLA WALLA	646	3	25	50	224	204	116	20	4		
WALLA WALLA (CITY)	391	1	16	35	125	121	79	12	2		
WHATCOM	1,629	2	34	96	448	550	381	103	12		1
BELLINGHAM	629	2	12	41	172	214	145	35	5		1
WHITMAN	500	1	3	22	153	186	96	38	1		
PULLMAN	231			9	58	88	54	22			
YAKIMA	3,336	12	196	337	1,147	969	500	158	18	1	4
YAKIMA (CITY)	968	2	57	94	350	276	143	46			

TABLE 6

LIVE BIRTHS BY MONTH OF PLACE OF RESIDENCE, WASHINGTON STATE 1984

COUNTY AND CITY	TOTAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
STATE TOTALS	68,947	5,671	5,268	5,965	5,602	6,188	5,874	6,105	6,206	5,948	5,715	5,137	5,508
ADAMS	308	22	25	28	23	34	23	31	25	26	32	22	17
ASOTIN	264	24	17	27	19	24	20	23	25	24	23	20	18
BENTON	1,988	169	138	172	164	188	160	179	180	198	162	144	134
KENNEWICK	846	67	59	72	62	76	71	86	73	89	69	74	68
RICHLAND	515	48	40	51	50	58	37	39	63	66	47	27	31
CHELAN	841	68	57	76	70	87	61	87	82	72	53	65	65
WENATCHEE	343	25	26	33	28	31	29	29	38	31	20	29	24
CLALLAM	830	63	50	72	74	65	75	78	89	56	58	68	82
PORT ANGELES	296	20	14	33	27	20	24	25	34	17	23	28	31
CLARK	3,165	268	249	261	251	290	267	280	289	250	250	252	256
VANCOUVER	1,215	107	94	105	92	121	92	100	102	95	93	107	107
COLUMBIA	52	8	5	5	3	6	3	3	6	6	2	3	4
COWLITZ	1,107	78	91	91	97	93	88	90	92	88	90	110	99
KELSO	200	15	19	13	20	19	14	14	16	21	17	23	9
LONGVIEW	489	34	36	43	38	46	36	42	40	36	46	49	45
DOUGLAS	361	36	27	35	23	27	23	35	38	32	36	25	24
FERRY	91	8	10	7	9	11	6	11	7	5	4	7	6
FRANKLIN	795	74	62	61	69	61	58	92	62	65	61	55	75
PASCO	524	48	37	36	34	44	43	64	39	39	41	39	60
GARFIELD	31		4	7	1	4	6	3	2	2	1	3	3
GRANT	937	64	84	98	74	85	76	70	76	94	87	64	67
MOSES LAKE	238	17	26	23	20	16	23	15	20	27	21	16	14
GRAYS HARBOR	1,054	87	80	77	74	102	80	100	108	89	86	72	99
ABERDEEN	282	24	18	22	20	39	15	26	31	22	22	20	23
ISLAND	879	69	75	74	70	59	76	85	90	80	67	69	65
OAK HARBOR	325	25	28	30	22	20	30	34	28	35	24	16	33
JEFFERSON	224	25	23	18	16	13	19	17	19	24	19	18	13
KING	19,018	1,606	1,445	1,635	1,536	1,708	1,656	1,669	1,681	1,700	1,578	1,481	1,523
AUBURN	533	52	45	59	26	47	49	43	45	51	40	37	39
BELLEVUE	841	64	59	68	82	71	60	79	77	63	67	64	85
DES MOINES	94	9	10	10	9	7	9	12	5	5	3	8	7
KENT	663	40	39	39	36	45	44	33	44	37	37	36	33
KIRKLAND	287	17	26	23	16	19	28	22	29	26	27	30	22
MERCER ISLAND	161	11	11	18	12	12	15	18	13	12	16	11	12
REDMOND	385	25	30	34	35	41	27	25	44	37	26	27	34
RENTON	596	47	33	47	51	61	52	49	53	65	61	46	31
SEATTLE	6,479	490	515	576	568	591	568	606	590	613	504	529	569
KITSAP	2,723	209	219	252	238	234	209	230	254	212	261	204	221
BREMERTON	858	79	75	90	73	76	68	76	72	69	63	53	66
KITTITAS	332	35	27	24	25	17	33	29	31	26	33	26	26
ELLENSBURG	134	18	10	9	6	7	13	13	10	13	15	11	9
KLICKITAT	254	22	18	13	18	18	30	16	27	26	24	23	19
LEWIS	895	102	69	81	49	71	78	82	85	77	73	62	66
CENTRALIA	250	28	14	19	15	26	26	23	25	20	21	14	19
LINCOLN	125	9	12	15	15	13	9	8	13	9	6	9	7
MASON	514	61	36	46	25	55	57	36	44	40	42	46	48
OKANOGAN	573	38	50	56	46	43	55	50	55	39	50	44	47
PACIFIC	236	14	19	25	26	19	16	12	20	32	20	15	18
PEND OREILLE	130	11	9	10	9	7	8	11	9	13	16	15	12
PIERCE	9,296	712	705	804	746	873	767	812	838	805	790	669	767
PUYALLUP	290	24	16	34	18	20	27	25	29	31	24	20	22
TACOMA	3,069	254	221	269	234	275	256	257	286	277	263	223	265
SAN JUAN	93	13	9	10	6	9	5	5	7	7	8	6	8
SKAGIT	1,095	93	80	99	87	93	116	110	93	88	69	72	89
MOUNT VERNON	273	29	19	20	15	28	27	29	24	22	14	29	17
SKAMANIA	119	17	7	11	6	10	4	9	12	15	11	9	8
SNOHOMISH	6,295	514	471	524	510	563	563	557	571	522	530	471	499
EDMONDS	420	32	23	34	50	45	29	40	40	35	44	27	21
EVERETT	1,287	109	110	117	96	115	103	112	115	101	104	99	112
LYNNWOOD	484	33	38	36	33	50	52	31	42	45	44	42	40
MOUNTLAKE TERRACE	258	25	19	18	21	17	31	21	30	15	24	16	21
SPOKANE	5,631	431	461	485	499	461	462	491	510	481	508	399	463
SPOKANE (CITY)	2,983	221	222	261	258	255	252	247	271	253	275	219	269
STEVENS	490	45	47	30	49	48	46	45	47	47	29	27	30
THURSTON	2,056	165	152	157	174	184	200	197	175	172	158	159	163
LACEY	260	21	20	17	15	21	29	18	23	25	25	16	30
OLYMPIA	772	52	48	56	66	53	61	56	64	93	79	65	81
WAHKIAKUM	36	5		7	4	3	4	3	4		2	1	3
WALLA WALLA	646	61	47	58	48	52	58	58	53	58	58	53	42
WALLA WALLA (CITY)	391	36	26	37	32	34	39	32	33	31	32	34	27
WHATCOM	1,629	130	113	149	131	161	126	163	150	146	134	103	123
BELLINGHAM	629	48	46	54	48	64	42	51	63	60	55	52	48
WHITMAN	500	34	42	40	44	71	30	45	44	50	36	35	29
PULLMAN	231	15	20	25	20	31	12	23	33	21	11	21	9
YAKIMA	3,336	281	235	312	272	314	303	303	295	272	268	211	270
YAKIMA (CITY)	968	70	70	97	77	96	96	81	87	76	80	62	78

TABLE 7

LIVE BIRTHS BY BIRTH WEIGHT IN GRAMS BY PLACE OF RESIDENCE, WASHINGTON STATE 1984

COUNTY AND CITY	TOTAL	1000 OR LESS	1001-1500	1501-2000	2001-2500	2501-3000	3001-3500	3501-4000	4001-4500	4501 AND OVER	NOT STATED
STATE TOTALS	68,947	293	340	669	2,198	8,732	23,575	22,822	8,164	1,913	241
ADAMS	308	2		1	6	46	87	116	40	12	
ASOTIN	264		3	3	6	36	93	83	31	9	
BENTON	1,988	13	11	21	50	219	669	675	262	68	
KENNEWICK	846	5	3	12	27	105	286	272	109	27	
RICHLAND	515	4	1	4	9	48	177	177	75	20	
CHELAN	841	4	4	9	24	94	309	277	88	30	2
WENATCHEE	343	1	2	6	8	33	132	115	33	13	
CLALLAM	830	6	4	4	33	98	265	288	107	20	5
PORT ANGELES	296	3	3	2	13	35	101	93	42	4	
CLARK	3,165	13	10	34	109	386	1,054	1,067	393	99	22
VANCOUVER	1,215	5	4	12	47	159	443	374	130	31	10
COLUMBIA	52					6	24	19	3		
COWLITZ	1,107	2	5	3	47	132	381	364	135	37	1
KELSO	200		2	2	13	22	56	72	24	9	
LONGVIEW	489	1	1		20	57	182	161	53	14	
DOUGLAS	361	2		1	19	41	122	125	43	7	1
FERRY	91		2	2	4	16	25	31	8	2	1
FRANKLIN	795	1	2	7	25	87	281	282	90	20	
PASCO	524	1	2	4	17	63	191	177	56	13	
GARFIELD	31	1			1	6	13	7	3		
GRANT	937	5	5	4	29	103	327	323	119	20	2
MOSES LAKE	238	2			9	31	89	82	33	1	
GRAYS HARBOR	1,056	3	4	11	43	129	353	345	123	24	17
ABERDEEN	282			2	13	37	114	72	36	5	3
ISLAND	879		5	8	31	112	294	301	103	23	2
OAK HARBOR	325			3	12	50	111	108	35	6	
JEFFERSON	224	2			8	17	77	86	27	7	
KING	19,018	94	91	203	655	2,516	6,480	6,278	2,181	472	48
AUBURN	533	2	6	5	19	76	187	173	70	15	2
BELLEVUE	841	7	5	5	22	102	280	297	104	16	3
DES MOINES	94	1	1	1	5	17	21	31	13	4	
KENT	463		1	5	13	68	156	151	50	16	3
KIRKLAND	287	2	1		5	32	94	97	42	10	2
MERCER ISLAND	141	4	2	1	6	21	51	55	20	1	
REDMOND	385	1		2	7	41	125	150	47	8	2
RENTON	596	2	5	5	23	76	192	208	73	9	3
SEATTLE	6,679	36	41	91	275	1,001	2,370	2,055	662	136	14
KITSAP	2,723	14	19	30	82	313	931	933	336	82	3
BREMERTON	858	6	6	12	19	109	292	301	95	19	1
KITTITAS	332	1	2	4	7	35	119	109	47	7	1
ELLENSBURG	134			1	3	16	54	46	10	3	1
KLICKITAT	256	2		2	8	31	84	84	33	9	1
LEWIS	895	2	3	13	27	125	314	268	108	28	7
CENTRALIA	250	1	2	2	7	40	87	79	24	5	3
LINCOLN	125	1	1		2	21	46	36	15	2	1
MASON	514	1	3	6	22	73	166	156	60	18	11
OKANOGAN	573	1	6	7	11	78	208	167	64	25	6
PACIFIC	236	2		5	6	30	79	78	30	6	
PEND OREILLE	130			3	5	16	46	46	14	4	
PIERCE	9,296	42	55	101	363	1,249	3,310	2,898	1,025	261	10
PUYALLUP	290	1	2	5	11	31	102	95	29	14	
TACOMA	3,049	13	23	29	119	446	1,091	936	312	77	5
SAN JUAN	93		1	1		6	37	30	16	2	
SKAGIT	1,095	5	10	11	33	125	376	362	132	39	2
MOUNT VERNON	273		5	4	7	33	98	84	30	12	
SKAMANIA	119		1	2		24	39	34	15	4	
SNOHOMISH	6,295	24	31	54	169	735	2,073	2,122	871	207	9
EDMONDS	420	2	2	3	9	46	146	148	52	12	
EVERETT	1,287	5	8	7	38	168	424	432	170	34	1
LYNNWOOD	486	2	3	7	11	62	140	167	72	20	
MOUNTLAKE TERRACE	258	1	2	2	10	30	82	88	33	10	
SPOKANE	5,631	19	24	46	181	719	1,962	1,930	613	135	2
SPOKANE (CITY)	2,983	11	15	24	106	424	1,025	981	326	70	1
STEVENS	490	1		4	7	68	171	173	52	13	1
THURSTON	2,056	9	8	15	53	252	648	689	236	72	74
LACEY	260				3	39	84	88	26	7	13
OLYMPIA	772	2	1	5	21	106	246	263	77	30	21
WAHKIAKUM	36			1		8	12	10	4	1	
WALLA WALLA	646	6	3	5	16	88	236	207	77	10	
WALLA WALLA (CITY)	391	5	2	3	12	51	139	126	46	7	
WHATCOM	1,629	4	8	10	41	196	536	586	218	33	1
BELLINGHAM	629	1	4	6	16	89	194	209	93	17	
WHITMAN	500	1	3	5	16	62	178	175	53	7	
PULLMAN	231	1	1	2	8	26	89	79	22	3	
YAKIMA	3,336	10	18	35	101	458	1,156	1,066	389	96	9
YAKIMA (CITY)	968	4	5	9	19	152	360	293	117	27	2

TABLE 8

RESIDENCE, MULTIPLE BIRTHS BY NUMBER BORN ALIVE EACH SET, WASHINGTON STATE 1984

COUNTY AND CITY	SETS OF TWINS			SETS OF TRIPLETS				SETS OF FOUR OR MORE
	2 BORN ALIVE	1 BORN ALIVE	NONE ALIVE	3 BORN ALIVE	2 BORN ALIVE	1 BORN ALIVE	NONE ALIVE	TOTAL
STATE TOTAL	646	50		10	1			
ADAMS	2							
ASOTIN	2							
BENTON	13	4						
KENNEWICK	9	3						
RICHLAND	2							
CHELAN	10							
WENATCHEE	2							
CLALLAM	11							
PORT ANGELES	3							
CLARK	29	2						
VANCOUVER	7							
COLUMBIA	1							
COWLITZ	9	1		1				
KELSO	2			1				
LONGVIEW	4							
DOUGLAS	2							
FERRY	1							
FRANKLIN	3							
PASCO	1							
GARFIELD	1							
GRANT	6	1						
MOSES LAKE	4							
GRAYS HARBOR	10	2						
ABERDEEN	4							
ISLAND	13	1						
OAK HARBOR	4							
JEFFERSON	2							
KING	185	22		5				
AUBURN	7							
BELLEVUE	9	2						
DES MOINES	2							
KENT	5	2						
KIRKLAND								
MERCER ISLAND	1							
REDMOND	3							
SEATTLE	71	6		3				
RENTON	5	1						
KITSAP	26							
BREMERTON	6							
KITTITAS	7							
ELLENSBURG	2							
KLICKITAT	3							
LEWIS	6	1						
CENTRALIA	2							
LINCOLN	2							
MASON	3							
OKANOGAN	2			1				
PACIFIC	3							
PEND OREILLE	2							
PIERCE	79	4		2	1			
PUYALLUP	2							
TACOMA	22	1		1				
SAN JUAN	1							
SKAGIT	12	1						
MOUNT VERNON	4							
SKAMANIA	1							
SNOHOMISH	60	4						
EDMONDS	2							
EVERETT	14							
LYNNWOOD	1							
MOUNTLAKE TERRACE	2							
SPOKANE	50	5						
SPOKANE (CITY)	24	2						
STEVENS	5	1						
THURSTON	20							
LACEY	1							
OLYMPIA	8							
WAHKIAKUM								
WALLA WALLA	9							
WALLA WALLA (CITY)	7							
WHATCOM	19							
BELLINGHAM	8							
WHITMAN	6							
PULLMAN	2							
YAKIMA	30	1		1				
YAKIMA (CITY)	7	1						

TABLE 9

LIVE BIRTHS BY RACE BY BIRTH WEIGHT, WASHINGTON STATE 1984

BIRTH WEIGHT IN GRAMS	TOTAL	WHITE	BLACK	MEXICAN/ CHICANO	INDIAN	JAPA- NESE	CHI- NESE	FILI- PINO	OTHER ASIAN	OTHER	UNKNOWN
STATE TOTAL	68,947	58,047	3,103	2,252	1,627	356	287	609	2,196	15	455
1,000 AND UNDER	293	219	37	14	8	4		2	5		4
1,001 - 1,500	340	270	27	10	17			3	9		4
1,501 - 2,000	669	530	59	25	17		2	9	24		3
2,001 - 2,500	2,198	1,671	203	85	71	17	6	25	108		12
2,501 - 3,000	8,732	6,859	646	305	207	68	57	120	414	1	55
3,001 - 3,500	23,575	19,475	1,161	844	540	136	128	251	893	9	138
3,501 - 4,000	22,822	19,881	749	698	516	98	80	144	552	4	100
4,001 - 4,500	8,164	7,284	186	226	192	28	12	43	149	1	43
4,501 AND OVER	1,913	1,736	31	42	50	4	2	9	33		6
NOT STATED	241	122	4	3	9	1		3	9		90

TABLE 10

LIVE BIRTHS BY MOTHER'S AGE BY BIRTH WEIGHT, WASHINGTON STATE 1984

BIRTH WEIGHT IN GRAMS	TOTAL	UNDER 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	AGE UNKNOWN
STATE TOTAL	68,947	103	2,177	4,878	21,150	22,678	13,511	3,957	449	20	24
1,000 AND UNDER	293		20	18	81	97	53	19	4		1
1,001 - 1,500	340	5	25	25	96	107	57	22	3		
1,501 - 2,000	669	2	42	71	183	193	128	44	6		
2,001 - 2,500	2,198	12	96	197	666	672	398	139	13		1
2,501 - 3,000	8,732	13	359	729	2,928	2,706	1,502	430	60		4
3,001 - 3,500	23,575	39	834	1,819	7,620	7,618	4,303	1,192	141		9
3,501 - 4,000	22,822	26	595	1,469	6,808	7,743	4,687	1,346	130	1	11
4,001 - 4,500	8,164	5	170	447	2,205	2,794	1,901	566	72		2
4,501 AND OVER	1,913	1	27	77	488	676	436	187	19		
NOT STATED	241		9	26	75	72	46	12	1		

TABLE 11

LIVE BIRTHS BY INSTITUTIONS BY PLACE OF OCCURRENCE, WASHINGTON STATE 1984

COUNTY AND CITY	TOTAL	GENERAL HOSPITAL	BIRTH CENTER	FEDERAL FACILITY	HOME	BORN ON ARRIVAL	OTHER AND NOT STATED
STATE TOTALS	68,081	61,511	590	4,513	1,051	71	345
ADAMS	268	261					7
ASOTIN	3				3		
BENTON	2,370	2,226	135		8		1
KENNEWICK	788	652	135				1
RICHLAND	1,291	1,289			2		
CHELAN	1,230	1,216			13		1
WENATCHEE	1,072	1,067			5		
CLALLAM	840	817			20	1	2
PORT ANGELES	780	767			12	1	
CLARK	2,119	2,050			63	3	3
VANCOUVER	2,095	2,050			40	3	2
COLUMBIA	39	38			1		
COWLITZ	1,208	1,199			9		
KELSO	1				1		
LONGVIEW	1,202	1,199			3		
DOUGLAS	3				3		
FERRY	49	44			3		2
FRANKLIN	503	498			5		
PASCO	501	498			3		
GARFIELD	16	16					
GRANT	764	757			7		
MOSES LAKE	612	606			6		
GRAYS HARBOR	785	780			5		
ABERDEEN	750	750					
ISLAND	740	226		489	23		2
OAK HARBOR	5				3		2
JEFFERSON	169	162			7		
KING	20,777	20,249	40		345	34	109
AUBURN	568	555			12	1	
BELLEVUE	2,121	2,096			22	1	2
DES MOINES	1				1		
KENT	20	2			18		
KIRKLAND	1,101	1,091			10		
MERCER ISLAND	1				1		
REDMOND	1,775	1,765			9	1	
RENTON	1,960	1,931			16	3	10
SEATTLE	12,815	12,512	11		192	28	72
KITSAP	2,330	1,469		784	57	5	15
BREMERTON	1,495	1,469			21	5	
KITTITAS	297	280			2		15
ELLENSBURG	282	280			2		
KLICKITAT	213	207			6		
LEWIS	876	853			17	2	2
CENTRALIA	397	393			3	1	
LINCOLN	54	51			3		
MASON	202	193			9		
OKANOGAN	535	509			18		8
PACIFIC	83	77			5	1	
PEND OREILLE	107	102			3		2
PIERCE	10,342	7,379	15	2,754	87	11	96
PUYALLUP	1,280	1,272			7	1	
TACOMA	6,184	6,099	15		50	7	13
SAN JUAN	30				6		24
SKAGIT	1,361	1,076	260		23		2
MOUNT VERNON	860	598	260		2		
SKAMANIA	3				3		
SNOHOMISH	4,618	4,476			134	3	5
EDMONDS	1,590	1,576			13	1	
EVERETT	2,493	2,454			37	2	
LYNNWOOD	19				15		4
MOUNTLAKE TERRACE	4				4		
SPOKANE	6,417	5,782	113	486	32	3	1
SPOKANE (CITY)	5,894	5,749	113		28	3	1
STEVENS	335	312			22	1	
THURSTON	2,099	2,055			36	5	3
LACEY	5				5		
OLYMPIA	2,089	2,055			26	5	3
WAHKIAKUM							
WALLA WALLA	952	944			8		
WALLA WALLA (CITY)	951	944			7		
WHATCOM	1,541	1,423	27		49		42
BELLINGHAM	1,522	1,423	27		32		40
WHITMAN	507	500			6		3
PULLMAN	460	438			2		
YAKIMA	3,798	3,786			12	2	
YAKIMA (CITY)	2,409	2,404			3	2	

MORTALITY

TABLE 1

DEATHS IN WASHINGTON STATE BY SELECTED TOPICS, 1984

A. RESIDENCE, RACE BY SEX

	TOTAL	MALE	FEMALE	UNK
TOTAL	33,788	17,942	15,846	
WHITE	32,070	16,888	15,182	
BLACK	764	455	309	
MEXICAN/ CHICANO	117	89	28	
INDIAN	371	213	158	
JAPANESE	111	61	50	
CHINESE	71	47	24	
FILIPINO	103	78	25	
OTHER ASIAN	139	79	60	
OTHER	4	3	1	
UNKNOWN	38	29	9	

B. RESIDENCE, MARITAL STATUS BY SEX

	TOTAL	MALE	FEMALE	UNK
TOTAL	33,788	17,942	15,846	
SINGLE	3,685	2,431	1,254	
MARRIED	15,244	10,615	4,629	
DIVORCED	3,161	1,869	1,292	
WIDOWED	11,562	2,933	8,629	
UNKNOWN	136	94	42	

C. RESIDENCE, AGE GROUP BY SEX

	TOTAL	MALE	FEMALE	UNK
TOTAL	33,788	17,942	15,846	
UNDER 1	704	420	284	
1 - 4	142	82	60	
5 - 14	170	107	63	
15 - 19	266	185	81	
20 - 24	413	303	110	
25 - 34	787	558	229	
35 - 44	996	636	360	
45 - 54	1,698	1,090	608	
55 - 64	4,531	2,785	1,746	
65 - 74	7,824	4,618	3,206	
75 - 84	8,940	4,614	4,326	
85 - 94	6,210	2,227	3,983	
95 & OVER	1,106	317	789	
UNKNOWN	1		1	

D. RESIDENCE, INFANT DEATHS BY RACE

TOTAL	704
WHITE	585
BLACK	66
MEXICAN/CHICANO	12
INDIAN	20
JAPANESE	
CHINESE	
FILIPINO	2
OTHER ASIAN	15
OTHER	
UNKNOWN	4

TABLE I (CONT'D)

DEATHS IN WASHINGTON STATE BY SELECTED TOPICS, 1984

E. RESIDENCE, BY LEADING CAUSES

		INTERNATIONAL LIST NUMBER	NUMBER OF DEATHS	PERCENT OF TOTAL DEATHS*
	ALL CAUSES		33,788	100.0
1	DISEASES OF THE HEART	391-392.0,393-398,402 404,410-417,420-429	11,962	35.4
2	MALIGNANT NEOPLASMS	140-208,230-234	7,711	22.8
3	CEREBROVASCULAR DISEASE	430-438	2,795	8.3
4	ALL ACCIDENTS	E800-949	1,700	5.0
5	CHRONIC OBSTRUCTIVE PULMONARY DISEASES	490-496	1,495	4.4
6	INFLUENZA AND PNEUMONIA	480-487	1,042	3.1
7	DIABETES MELLITUS	250	591	1.7
8	SUICIDE	E950-959	574	1.7
9	ARTERIOSCLEROSIS	440	449	1.3
10	CIRRHOSIS OF LIVER	571	442	1.3
	ALL OTHER CAUSES		5,027	14.9

F. RESIDENCE AND OCCURRENCE, BY MONTH

	RESIDENCE	OCCURRENCE
TOTAL	33,788	34,001
JANUARY	2,904	2,926
FEBRUARY	2,921	2,909
MARCH	3,129	3,161
APRIL	2,852	2,867
MAY	2,816	2,833
JUNE	2,619	2,660
JULY	2,740	2,756
AUGUST	2,773	2,787
SEPTEMBER	2,535	2,567
OCTOBER	2,818	2,825
NOVEMBER	2,670	2,699
DECEMBER	3,011	3,011

G. TYPE OF PLACE BY OCCURRENCE

TOTAL	34,001
GENERAL HOSPITAL	15,957
NURSING HOME	8,445
HOME	6,937
FEDERAL FACILITY	1,137
PSYCHIATRIC HOSPITAL	34
STATE FACILITY	2
DEAD ON ARRIVAL	47
OTHER AND UNKNOWN	1,442

*DETAIL MAY NOT ADD TO 100% DUE TO ROUNDING

TABLE 2

DEATHS WITH RATES* BY PLACE OF RESIDENCE AND OCCURRENCE, WASHINGTON STATE 1984

COUNTY AND CITY	RESIDENCE TOTAL	RESIDENCE RATE	OCCURRENCE TOTAL	OCCURRENCE RATE
STATE TOTAL	33,788	7.8	34,001	7.9
ADAMS	87	6.4	83	6.1
ASOTIN	155	9.2	127	7.5
BENTON	616	5.7	587	5.5
KENNEWICK	212	5.7	221	5.9
RICHLAND	216	6.8	280	8.8
CHELAN	525	11.1	635	13.4
WENATCHEE	262	15.1	489	28.2
CLALLAM	567	10.3	491	9.3
PORT ANGELES	208	12.1	313	18.2
CLARK	1,455	7.2	1,389	6.9
VANCOUVER	660	15.4	1,160	27.1
COLUMBIA	68	11.7	48	11.7
COWLITZ	633	7.9	661	8.3
KELSO	130	12.0	38	3.5
LONGVIEW	297	10.0	572	19.3
DOUGLAS	184	8.1	81	3.6
FERRY	47	7.7	30	4.9
FRANKLIN	210	5.8	180	5.0
PASCO	149	7.9	168	8.9
GARFIELD	34	13.6	30	12.0
GRANT	359	7.3	300	6.1
MOSES LAKE	78	7.5	166	16.0
GRAYS HARBOR	646	9.9	558	8.6
ABERDEEN	189	10.9	350	20.1
ISLAND	348	7.3	239	5.0
OAK HARBOR	62	5.1	58	4.8
JEFFERSON	166	9.8	134	7.9
KING	10,035	7.6	10,769	8.1
AUBURN	207	7.1	283	9.7
BELLEVUE	489	6.2	517	6.6
DES MOINES	90	6.9	154	11.8
KENT	153	5.8	116	4.4
KIRKLAND	153	8.2	365	19.6
MERCER ISLAND	133	6.6	88	4.2
REDMOND	129	6.7	256	9.4
RENTON	252	7.6	526	15.8
SEATTLE	5,222	10.7	7,710	15.7
KITSAP	1,090	6.7	1,053	6.5
BREMERTON	395	11.6	718	21.1
KITTITAS	229	9.2	212	8.5
ELLENSBURG	110	9.5	156	13.5
KLICKITAT	118	7.2	99	6.0
LEWIS	559	9.9	492	8.7
CENTRALIA	179	15.2	256	21.8
LINCOLN	108	11.0	74	7.6
MASON	192	8.7	205	9.9
OKANOGAN	328	10.3	290	9.1
PACIFIC	226	12.8	191	10.8
PEND OREILLE	91	10.0	80	8.8
PIERCE	3,845	7.5	4,026	7.8
PUYALLUP	292	10.9	595	32.0
TACOMA	1,797	11.3	3,074	19.3
SAN JUAN	74	8.3	48	5.4
SKAGIT	665	10.0	724	10.8
MOUNT VERNON	153	11.1	294	21.4
SKAMANIA	57	7.2	23	2.9
SNOHOMISH	2,495	6.8	2,206	6.0
EDMONDS	281	10.1	409	14.7
EVERETT	652	11.5	1,015	17.9
LYNNWOOD	175	7.6	102	4.4
MOUNTLAKE TERRACE	77	6.8	29	1.8
SPOKANE	3,109	8.9	3,581	10.2
SPOKANE (CITY)	2,078	12.1	3,389	19.8
STEVENS	257	8.5	190	6.3
THURSTON	1,002	7.4	1,012	7.4
LACEY	169	11.6	152	10.5
OLYMPIA	356	12.4	742	25.8
WAHKIAKUM	35	9.2	28	7.4
WALLA WALLA	503	10.6	612	12.6
WALLA WALLA (CITY)	343	13.6	549	21.4
WHATCOM	856	7.5	860	7.6
BELLINGHAM	431	9.4	661	14.4
WHITMAN	188	6.7	161	5.6
PULLMAN	61	1.8	52	2.3
YAKIMA	1,558	8.7	1,512	8.4
YAKIMA (CITY)	592	12.0	1,074	21.8

*RATES PER 1,000 POPULATION.

TABLE 3

DEATHS BY SEX AND RACE BY PLACE OF RESIDENCE, WASHINGTON STATE 1984

COUNTY AND CITY	TOTAL	MALE	FEMALE	UNK	WHITE	BLACK	MEXICAN/ CHICANO	INDIAN	JAPA- NESE	CHI- NESE	FILI- PINO	OTHER ASIAN	OTHER	UNK
STATE TOTAL	33,788	17,942	15,846		32,070	766	117	371	111	71	103	139	4	59
ADAMS	87	47	40		86		1							
ASOTIN	155	79	76		153			2						
BENTON	616	358	258		599	3	9			1	1	3		
KENNEWICK	212	118	94		207	2	2					1		
RICHLAND	216	125	91		214	1				1				
CHELAN	525	278	247		503	1	11	5		1			3	1
WENATCHEE	262	124	138		251	1	5	3		1				1
CLALLAM	567	289	258		536			10				1		2
PORT ANGELES	208	112	96		204			2				1		1
CLARK	1,455	801	654		1,436	9		2		1	2	4		1
VANCOUVER	660	336	324		648	5		2			2	2		1
COLUMBIA	48	27	21		48									
COWLITZ	633	343	290		624	1	1	4		1		2		
KELSO	130	66	64		127		1	2						
LONGVIEW	297	153	144		293	1				1		2		
DOUGLAS	184	117	67		183						1			
FERRY	47	26	21		38			9						
FRANKLIN	210	130	80		185	15	10							
PASCO	149	93	56		128	15	6							
GARFIELD	34	16	18		34									
GRANT	359	207	152		345	6	3	3	1					1
MOSES LAKE	78	42	36		75	2		1						
GRAYS HARBOR	646	354	292		622	3		20						1
ABERDEEN	189	97	92		186			3						
ISLAND	348	172	176		345	1	1		1					
OAK HARBOR	62	23	39		61	1								
JEFFERSON	166	91	75		164			2						
KING	10,035	5,116	4,919		9,167	477	24	70	85	60	77	76	1	8
AUBURN	207	110	97		199	2		3			2	1		
BELLEVUE	489	238	251		476	4		2	1	1		5		
DES MOINES	90	30	60		89	1								
KENT	153	85	68		144	3	1	1	2			1		1
KIRKLAND	153	79	74		150						1	1		1
MERCER ISLAND	133	62	71		130	1			1	1				
REDMOND	129	61	68		124				2		1	2		
RENTON	252	136	116		239	7	1	1	2		1	1		
SEATTLE	5,322	2,821	2,601		4,509	429	6	51	63	55	56	49		4
KITSAP	1,090	570	520		1,061	13	1	7	2		2	4		
BREMERTON	395	206	189		382	9					2	2		
KITTITAS	229	118	111		226	1		2						
ELLENSBURG	110	51	59		108	1		1						
KLICKITAT	118	63	55		115			3						
LEWIS	559	306	253		558		1							
CENTRALIA	179	93	86		178		1							
LINCOLN	108	50	58		108									
MASON	302	159	143		296			4	1		1			
OKANOGAN	328	182	146		286		1	19						2
PACIFIC	226	118	108		223			3						
PEND OREILLE	91	46	45		88	1		2						
PIERCE	3,845	2,044	1,801		3,595	161	4	35	8		6	34	1	1
PUYALLUP	202	100	102		200			2						
TACOMA	1,797	906	891		1,637	120	2	22	7		2	11	1	1
SAN JUAN	74	41	33		72			2						
SKAGIT	665	369	296		656		1	6	2					
MOUNT VERNON	153	82	71		153									
SKAMANIA	57	37	20		55			1						1
SNOHOMISH	2,495	1,342	1,153		2,456	15	1	11		1	3	8		2
EDMONDS	281	141	140		278	1				1				1
EVERETT	652	334	318		642	5		3				2		
LYNNWOOD	175	92	83		171	1		2						1
MOUNTLAKE TERRACE	77	41	36		75							2		
SPOKANE	3,109	1,671	1,438		3,030	31	1	23	8	2	1	2		11
SPOKANE (CITY)	2,078	1,105	973		2,011	29	1	16	7	1	1	2		10
STEVENS	257	142	115		242			14	1					
THURSTON	1,002	520	482		980	2		6		1	3	2		1
LACEY	169	73	96		167						1			1
OLYMPIA	356	176	180		351	1				1	1	2		
WAHKIAKUM	35	16	19		35									
WALLA WALLA	503	279	224		488	6	7			1				1
WALLA WALLA (CITY	343	187	156		332	6	3			1				1
WHATCOM	854	434	420		831	1	1	13		2	1	1		4
BELLINGHAM	431	196	235		426			2		1				2
WHITMAN	188	108	80		187			1						
PULLMAN	41	23	18		41									
YAKIMA	1,558	876	682		1,411	17	49	71	2		5	2		1
YAKIMA (CITY)	592	303	289		556	13	14	5	1		1	1		1

TABLE 4

DEATHS BY AGE GROUP BY PLACE OF RESIDENCE, WASHINGTON STATE 1984

COUNTY AND CITY	TOTAL	UNDER 1	1-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 AND OVER	AGE UNK
STATE TOTAL	33,788	704	142	170	266	413	787	996	1,898	4,531	7,824	8,940	7,316	1
ADAMS	87	5			2			3	1	11	16	24	25	
ASOTIN	155	2			2	2	2	5	5	18	37	44	40	
BENTON	616	23	4	6	11	11	18	21	36	87	137	164	80	
KENNEWICK	212	12		1	3	4	5	8	16	29	48	56	30	
RICHLAND	216	4	2		6	2	8	6	7	33	55	58	35	
CHELAN	525	12	1	2	6	5	12	14	19	60	129	142	123	
WENATCHEE	262	7		1	1		5	5	7	27	65	70	74	
CLALLAM	547	11	1	2	2	2	10	11	26	74	146	160	102	
PORT ANGELES	208	5					2	5	10	22	50	66	48	
CLARK	1,455	25	9	9	12	15	40	57	77	197	359	356	299	
VANCOUVER	660	8	2	3	3	7	14	25	21	91	160	177	149	
COLUMBIA	48					1	2	1	2	7	6	18	11	
COWLITZ	633	15	3	4	6	12	10	20	27	102	155	156	123	
KELSO	130	8			4	2	2	1	7	19	28	29	30	
LONGVIEW	297	6	1	2		5	1	7	12	47	78	72	66	
DOUGLAS	184	3		1	8	1	1	5	13	26	46	39	41	
FERRY	47	3		1		2	1		5	8	7	12	8	
FRANKLIN	210	4		2	3	6	6	4	14	39	44	34	36	
PASCO	149	2		1	2	4	4	4	10	21	43	29	29	
GARFIELD	34	1							1	5	6	13	8	
GRANT	359	8	1	2	4	6	2	15	21	57	109	75	59	
MOSES LAKE	78	4	1		1		1	3	3	9	25	17	14	
GRAYS HARBOR	646	13	3	6	4	9	10	16	22	80	182	175	126	
ABERDEEN	189	3		1	1	3	2	6	6	20	57	67	43	
ISLAND	348	8	1	2	1	6	11	9	18	37	87	100	68	
OAK HARBOR	62	2		1		1	1	1	7	4	7	26	12	
JEFFERSON	166	2		1	1		1	2	9	30	35	47	38	
KING	10,035	197	31	45	73	101	270	323	547	1,379	2,181	2,612	2,276	
AUBURN	207	11	2	2	1	3	4	7	10	28	47	51	42	
BELLEVUE	489	6	3	5	5	6	17	15	29	75	118	98	112	
DES MOINES	90		1				2		5	6	7	23	46	
KENT	153	5		3	2	2	6	8	17	23	30	42	15	
KIRKLAND	153	8				2	1	7	9	18	23	47	38	
MERCER ISLAND	133	4			2	3		2	7	19	30	32	34	
REDMOND	129	5		1	2	3	4	6	10	20	26	26	26	
RENTON	252	6	1	2	2	5	4	7	17	41	61	64	42	
SEATTLE	5,222	81	12	13	27	44	121	143	217	627	1,153	1,464	1,320	
KITSAP	1,090	27	4	5	7	12	18	41	44	148	245	290	249	
BREMERTON	395	10	1	1	1	5	8	10	17	52	74	113	103	
KITTITAS	229	2			2		6	8	8	24	76	60	65	
ELLENSBURG	110						1	3	2	10	36	26	32	
KLICKITAT	118	1	1		4	1	2	5	9	18	30	21	26	
LEWIS	559	8	2	3	9	9	6	18	32	74	131	139	128	
CENTRALIA	179	4	1		2		1	3	11	15	39	51	52	
LINCOLN	108	1		1	3	3	1	3	5	12	23	27	29	
MASON	302	9	1	5	1	5	6	9	11	69	85	68	53	
OKANOGAN	328	4	3	5	6	3	3	13	15	38	83	85	70	
PACIFIC	226	1	1			2	6	7	9	22	61	76	61	
PEND OREILLE	91	2					3	1	3	13	22	26	21	
PIERCE	3,845	94	27	28	31	57	101	113	217	555	879	1,021	722	
PUYALLUP	202	2		2		3		4	8	24	49	61	49	
TACOMA	1,797	38	13	9	13	13	37	38	81	249	410	526	370	
SAN JUAN	74			1		1			3	9	21	21	18	
SKAGIT	665	10	1	3	1	4	14	14	31	81	172	190	144	
MOUNT VERNON	153	3	1	1		1	3	2	10	14	38	39	41	
SKAMANIA	57	1	1			2	3	3	1	11	14	13	8	
SNOHOMISH	2,495	71	15	8	25	26	67	78	129	348	604	631	493	
EDMONDS	281	3	3		1	2	2	7	9	40	64	69	79	
EVERETT	652	16	1	1	6	12	20	12	31	77	158	166	152	
LYNNWOOD	175	9	2			2	4	11	11	24	38	45	29	
MOUNTLAKE TERRACE	77	2			1	1	2	2	6	13	23	18	9	
SPOKANE	3,109	51	14	15	12	41	69	71	133	393	690	866	753	1
SPOKANE (CITY)	2,078	36	8	7	5	21	44	36	82	250	465	585	540	1
STEVENS	257	3	1	3	2	1	8	8	12	26	60	73	80	
THURSTON	1,002	24	3	5	7	13	18	26	49	125	219	263	250	
LACEY	169	5		1		1		2	9	12	22	54	63	
OLYMPIA	356	8			1	3	8	8	18	41	69	101	99	
WAHKIAKUM	39						1		1	2	11	13	7	
WALLA WALLA	503	11	2		2	8	5	10	17	56	103	157	132	
WALLA WALLA (CITY)	343	7	2		1	6	4	9	12	40	67	100	95	
WHATCOM	854	18	7	2	5	13	14	13	39	96	164	260	223	
BELLINGHAM	431	5	2		3	4	8	4	15	37	76	145	132	
WHITMAN	188	3		1		2	4	5	2	17	44	62	48	
PULLMAN	41	1				1	2	2	1	5	13	6	10	
YAKIMA	1,558	31	5	6	14	33	38	44	87	197	365	407	333	
YAKIMA (CITY)	592	7	2		3	8	7	16	22	68	132	159	168	

TABLE 5

DEATHS BY MONTH OF OCCURRENCE BY PLACE OF RESIDENCE, WASHINGTON STATE 1986

COUNTY AND CITY	TOTAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
STATE TOTAL	33,788	2,904	2,921	3,129	2,852	2,816	2,619	2,760	2,773	2,535	2,818	2,670	3,011
ADAMS	87	2	6	5	4	8	14	6	10	9	7	4	12
ASOTIN	155	15	17	13	11	13	10	15	14	9	16	14	8
BENTON	616	37	39	55	46	49	61	44	62	52	62	53	58
KENNEWICK	212	11	14	17	18	16	20	17	21	21	21	16	20
RICHLAND	216	10	12	24	8	17	24	17	19	17	23	20	25
CHELAN	325	36	48	45	47	47	35	56	50	38	52	40	33
WENATCHEE	262	22	25	20	19	22	18	28	23	21	23	25	16
CLALLAM	547	46	48	48	49	41	40	39	56	33	46	45	56
PORT ANGELES	208	20	17	19	18	13	17	13	18	12	18	21	22
CLARK	1,455	117	122	128	130	130	130	122	101	118	106	115	138
VANCOUVER	660	61	53	56	53	58	71	60	39	51	47	41	70
COLUMBIA	48	4	5	3	6	2	3	3	4	2	4	6	6
COWLITZ	633	47	60	69	40	53	50	69	61	52	59	46	47
KELSO	130	9	20	13	6	9	13	12	11	14	11	4	8
LONGVIEW	297	29	30	34	14	34	17	17	25	23	27	30	17
DOUGLAS	184	21	14	15	18	13	16	17	11	13	14	22	10
FERRY	47	5	2	2	3	3	4		8	6	4	4	6
FRANKLIN	210	16	15	13	17	13	24	22	22	15	22	16	17
PASCO	149	9	14	12	14	10	10	15	16	11	17	9	12
GARFIELD	34	6	3	5		1	5	2	1	2	2	2	5
GRANT	359	29	31	40	34	38	25	31	27	23	35	24	22
MOSES LAKE	78	5	7	8	10	8	5	6	4	10	6	3	4
GRAYS HARBOR	646	58	63	50	56	52	60	51	52	45	57	60	62
ABERDEEN	189	17	21	13	17	20	11	16	11	17	18	17	11
ISLAND	348	34	25	45	25	32	28	29	19	23	28	30	30
OAK HARBOR	62	5	5	10	5	6	4	6	3	2	6	9	5
JEFFERSON	166	10	14	11	16	15	14	16	24	11	16	9	10
KING	10,035	906	836	971	819	867	788	806	817	737	805	766	917
AUBURN	207	17	22	23	16	17	14	19	15	17	16	14	17
BELLEVUE	489	46	37	51	49	41	36	35	31	34	36	40	53
DES MOINES	90	6	13	5	10	6	11	7	10	5	5	7	7
KENT	153	9	8	10	16	21	14	16	8	18	15	10	15
KIRKLAND	153	15	18	19	18	9	14	10	13	11	7	9	10
MERCER ISLAND	133	10	6	12	10	12	13	10	10	12	15	13	10
REDMOND	129	9	13	19	9	9	9	13	13	12	8	6	11
RENTON	252	25	27	21	17	22	21	16	19	20	19	25	22
SEATTLE	5,222	486	453	507	435	465	391	411	432	372	396	414	460
KITSAP	1,090	96	115	102	89	97	92	73	87	79	93	79	88
BREMERTON	395	32	36	44	33	34	35	32	36	32	30	32	31
KITTITAS	229	25	23	16	22	15	21	13	19	22	15	22	16
ELLENSBURG	110	10	15	8	9	5	10	6	10	10	9	11	7
KLICKITAT	118	11	7	7	10	9	8	16	10	10	8	11	11
LEWIS	559	40	41	42	49	52	35	53	48	40	52	37	50
CENTRALIA	179	17	14	16	21	16	12	16	14	11	19	9	16
LINCOLN	108	12	8	6	7	14	9	7	7	10	10	7	11
MASON	302	29	26	29	27	17	20	17	33	21	36	25	22
OKANOGAN	328	23	27	41	39	29	15	25	23	26	29	20	31
PACIFIC	226	23	23	25	15	20	16	13	16	17	16	21	21
PEND OREILLE	91	11	6	8	2	6	7	5	8	12	7	8	11
PIERCE	3,865	310	343	356	343	301	282	309	323	308	318	293	370
PUYALLUP	202	15	17	17	21	16	7	21	17	19	23	14	15
TACOMA	1,797	142	179	172	153	157	141	142	151	135	150	122	154
SAN JUAN	74	5	7	8	7	5	5	7	6	4	4	8	8
SKAGIT	665	54	53	67	63	52	43	59	41	46	65	62	60
MOUNT VERNON	153	8	14	16	15	10	13	15	5	12	14	18	13
SKAMANIA	57	3	4	6	6	7	4	7	6	3	5	3	3
SNOHOMISH	2,495	195	223	238	234	172	201	182	197	191	222	220	220
EDMONDS	281	24	31	24	25	19	21	19	26	19	22	21	30
EVERETT	652	46	55	66	53	35	53	51	60	52	67	58	56
LYNNWOOD	175	10	18	16	16	14	21	16	5	17	20	15	9
MOUNTLAKE TERRACE	77	7	8	7	2	2	9	5	5	6	7	5	9
SPOKANE	3,109	250	267	253	270	263	256	265	261	236	260	263	269
SPOKANE (CITY)	2,078	158	176	169	187	174	168	185	165	155	169	175	197
STEVENS	257	20	25	25	25	20	21	26	15	20	21	16	23
THURSTON	1,002	108	92	83	76	92	66	97	87	60	84	81	78
LACEY	169	18	13	14	19	13	16	14	15	11	14	11	11
OLYMPIA	356	43	34	29	28	36	20	31	31	21	35	24	24
WAHKIAKUM	35	2	2	1	6	6	2	2	2	3	4	1	6
WALLA WALLA	303	39	45	43	50	51	35	35	31	44	41	43	46
WALLA WALLA (CITY)	343	29	25	30	35	35	18	28	26	28	29	33	29
WHATCOM	854	75	71	91	66	68	60	69	76	66	62	78	74
BELLINGHAM	431	34	43	40	35	36	35	27	36	30	38	41	36
WHITMAN	188	21	30	20	12	13	17	14	19	12	10	8	12
PULLMAN	41	6	4	7	4	1	5	3	6	3	1	1	2
YAKIMA	1,558	143	135	146	120	130	121	160	129	119	123	110	144
YAKIMA (CITY)	592	55	49	50	55	56	48	38	47	54	47	41	52

TABLE 6

DEATHS WITH RATES* BY SELECTED CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1984

COUNTY AND CITY	DISEASES OF THE HEART NUMBER	RATE	MALIGNANT NEOPLASMS NUMBER	RATE	CEREBROVASCULAR DISEASE NUMBER	RATE	GENERAL ARTERIOSCLEROSIS NUMBER	RATE
STATE TOTAL	11,962	276.4	7,711	178.2	2,795	64.6	469	10.4
ADAMS	25	182.5	20	146.0	7	51.1	10	73.0
ASOTIN	50	295.9	51	301.8	15	88.8	2	11.8
BENTON	219	203.3	134	124.4	57	52.9	3	2.8
KENNEWICK	64	171.9	65	120.8	23	61.8	2	5.4
RICHLAND	83	262.2	46	145.3	25	79.0		
CHELAN	188	395.8	110	231.6	47	98.9	3	6.3
WENATCHEE	88	507.8	54	311.6	25	144.3	3	17.3
CLALLAM	191	361.1	149	281.7	41	77.5	9	17.0
PORT ANGELES	72	418.1	51	296.2	22	127.8	5	29.0
CLARK	536	264.7	347	172.0	106	52.6	16	7.9
VANCOUVER	266	576.1	156	366.1	55	128.4	10	23.3
COLUMBIA	24	585.4	5	122.0	3	73.2	1	24.4
COWLITZ	242	302.9	142	177.7	45	56.3	9	11.3
KELSO	39	359.8	32	295.2	7	64.6	3	27.7
LONGVIEW	127	425.9	61	204.6	23	77.1	4	13.4
DOUGLAS	63	278.8	47	208.0	16	70.8		
FERRY	17	278.7	8	131.1	2	32.8		
FRANKLIN	87	239.7	43	118.5	16	44.1		
PASCO	62	327.5	26	137.3	11	58.1		
GARFIELD	17	680.0	5	200.0	3	120.0		
GRANT	115	232.3	111	224.2	28	56.6	3	6.1
MOSES LAKE	20	193.2	24	231.9	11	106.3		
GRAYS HARBOR	260	399.6	124	190.5	36	55.3	6	9.2
ABERDEEN	78	548.3	37	212.6	8	46.0	3	17.2
ISLAND	108	225.9	93	194.6	25	52.3	5	10.5
OAK HARBOR	21	172.0	16	131.0	3	24.6		
JEFFERSON	60	352.9	37	217.6	16	94.1	3	17.6
KING	3,621	257.9	2,275	171.5	854	64.4	118	8.9
AUBURN	61	209.1	44	150.8	16	54.9	6	20.6
BELLEVUE	143	181.9	113	143.7	60	50.9	9	11.4
DES MOINES	37	282.4	18	137.4	10	76.3	1	7.6
KENT	50	190.5	41	156.2	11	41.9	2	7.6
KIRKLAND	46	266.6	40	214.2	11	58.9	2	10.7
MERCER ISLAND	43	205.6	30	143.5	13	62.2	2	9.6
REDMOND	32	117.0	36	131.7	8	29.3		
RENTON	90	269.9	65	195.0	22	66.0	4	12.0
SEATTLE	1,851	377.5	1,083	220.9	486	99.1	69	10.0
KITSAP	413	256.2	261	160.6	84	51.7	9	5.5
BREMERTON	162	476.9	85	250.2	31	91.3	2	5.9
KITTITAS	96	384.0	43	172.0	26	104.0	2	8.0
ELLENSBURG	50	431.6	14	120.8	17	146.7		
KLICKITAT	39	236.4	28	169.7	15	90.9	2	12.1
LEWIS	216	378.1	127	224.4	47	83.0	5	8.8
CENTRALIA	63	535.3	37	314.4	17	144.4	3	25.5
LINCOLN	31	316.3	25	255.1	9	91.8	1	10.2
MASON	106	298.9	75	215.5	17	48.9	4	11.5
OKANOGAN	116	363.6	74	232.0	28	87.8	3	9.4
PACIFIC	81	457.6	43	242.9	23	129.9	4	22.6
PEND OREILLE	31	340.7	15	164.8	10	109.9	1	11.0
PIERCE	1,382	268.6	908	176.4	322	62.6	52	10.1
PUYALLUP	88	473.1	39	209.7	17	91.4	5	26.9
TACOMA	670	420.3	407	255.3	172	107.9	24	15.1
SAN JUAN	15	193.3	16	179.8	3	33.7		
SKAGIT	258	386.2	149	223.1	63	94.3	3	4.5
MOUNT VERNON	66	480.7	33	240.3	14	102.0	1	7.3
SKAMANIA	22	378.5	15	189.9	3	38.0		
SNOHOMISH	885	241.3	578	157.6	200	54.5	31	8.5
EDMONDS	115	412.5	63	226.0	25	89.7	3	10.8
EVERETT	226	398.7	142	250.5	60	105.9	16	28.2
LYNNWOOD	58	259.7	44	196.2	10	43.2		
MOUNTLAKE TERRACE	28	174.8	23	143.6	7	43.7		
SPOKANE	1,076	307.4	688	196.9	251	71.8	78	22.3
SPOKANE (CITY)	721	420.4	436	256.2	187	109.0	60	35.0
STEVENS	85	282.4	53	176.1	21	69.8	4	13.3
THURSTON	371	272.4	245	179.9	82	60.2	9	6.6
LACEY	66	456.5	33	227.3	18	124.0	2	13.8
OLYMPIA	176	430.7	86	298.7	29	100.7	6	20.8
WAHKIAKUM	12	315.8	7	184.2	3	78.9		
WALLA WALLA	156	321.6	104	214.4	39	80.4	15	30.9
WALLA WALLA (CITY)	101	393.9	69	269.1	25	97.5	11	42.9
WHATCOM	313	275.3	189	166.2	74	65.1	11	9.7
BELLINGHAM	166	356.6	91	197.8	44	95.6	7	15.2
WHITMAN	70	176.3	43	108.3	14	35.3	6	15.1
PULLMAN	15	65.9	9	39.5	1	4.4		
YAKIMA	553	307.2	324	180.0	144	80.0	21	11.7
YAKIMA (CITY)	206	417.5	124	251.3	61	123.6	10	20.3

*RATES PER 100,000 ESTIMATED POPULATION.

TABLE 7

DEATHS WITH RATES* BY SELECTED CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1984

COUNTY AND CITY	INFLUENZA AND PNEUMONIA NUMBER	RATE	DIABETES MELLITUS NUMBER	RATE	CONGENITAL MALFORMATIONS NUMBER	RATE	CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY NUMBER	RATE
STATE TOTAL	1,042	24.1	591	13.7	233	5.4	260	6.2
ADAMS	5	36.5	1	7.3	1	7.3	2	14.6
ASOTIN	2	11.8	2	11.8	2	11.8		
BENTON	13	12.1	11	10.2	9	8.4	12	11.1
KENNEWICK	7	18.8	5	13.4	3	8.1	8	21.5
RICHLAND	5	15.8	3	9.5	1	3.2	1	3.2
CHELAN	17	35.8	8	16.8	2	4.2	1	2.1
WENATCHEE	10	57.7	5	28.9	1	5.8		
CLALLAM	22	41.6	11	20.8	5	9.5	6	11.3
PORT ANGELES	16	92.9	2	11.6	1	5.8	4	23.2
CLARK	45	22.3	21	10.4	11	5.5	9	4.5
VANCOUVER	22	51.3	8	18.7	4	9.3	3	7.0
COLUMBIA	1	24.4						
COWLITZ	24	30.0	13	16.3	6	7.5	3	3.8
KELSO	6	55.4	3	27.7	4	36.9	2	18.5
LONGVIEW	9	30.2	8	26.8	2	6.7	1	3.4
DOUGLAS	5	22.1	3	13.3	2	8.8	1	4.4
FERRY			1	16.4			1	16.4
FRANKLIN	4	11.0	4	11.0			1	2.8
PASCO	3	15.8	4	21.1			1	5.3
GARFIELD	1	40.0					1	40.0
GRANT	9	18.2	9	18.2	5	10.1	3	6.1
MOSES LAKE	3	29.0	4	38.6	2	19.3	2	19.3
GRAYS HARBOR	18	27.6	19	29.2			4	6.1
ABERDEEN	3	17.2	9	51.7				
ISLAND	7	14.6	5	10.5			3	6.3
OAK HARBOR	2	16.4	2	16.4				
JEFFERSON	5	29.4	4	23.5	2	11.8		
KING	351	26.5	171	12.9	68	5.1	71	5.4
AUBURN	13	44.6	6	20.6	6	20.6	3	10.3
BELLEVUE	18	22.9	15	19.1	6	7.6	2	2.5
DES MOINES	2	15.3	1	7.6				
ENT	1	3.8	2	7.6	1	3.8		
KIRKLAND	7	37.5	1	5.4	2	10.7	5	26.8
MERCER ISLAND	10	47.8	1	4.8	1	4.8	3	14.3
REDMOND	5	18.3	4	14.6			1	3.7
RENTON	3	9.0	4	12.0	1	3.0	3	9.0
SEATTLE	189	38.5	89	18.2	27	5.5	27	5.5
KITSAP	35	21.5	12	7.4	11	6.8	11	6.8
BREMERTON	16	47.1	5	14.7	3	8.8	4	11.8
KITTITAS	7	28.0	5	20.0	1	4.0	1	4.0
ELLENSBURG	4	34.5	1	8.6				
KLICKITAT	3	18.2	2	12.1				
LEWIS	17	30.0	9	15.9	2	3.5	3	5.3
CENTRALIA	10	85.0	3	25.5	1	8.5	1	8.5
LINCOLN	2	20.4	4	40.8	1	10.2		
MASON	10	28.7	2	5.7			3	8.6
OKANOGAN	7	21.9	10	31.3	1	3.1	2	6.3
PACIFIC	2	11.3	5	28.2	2	11.3		
PEND OREILLE	5	54.9					1	11.0
PIERCE	89	17.3	68	13.2	28	5.4	47	9.1
PUYALLUP	4	21.5	6	32.3	2	10.8	2	10.8
TACOMA	46	28.9	37	23.2	11	6.9	18	11.3
SAN JUAN	5	56.2	1	11.2				
SKAGIT	20	29.9	12	18.0	2	3.0	7	10.5
MOUNT VERNON	6	43.7	1	7.3			2	14.6
SKAMANIA	1	12.7					1	12.7
SNOHOMISH	80	21.8	44	12.0	22	6.0	19	5.2
EDMONDS	10	35.9	1	3.6	1	3.6	2	7.2
EVERETT	21	37.1	16	28.2	3	5.3	3	5.3
LYNNWOOD	4	17.3	3	13.0	3	13.0	3	13.0
MOUNTLAKE TERRACE	2	12.5					1	6.2
SPOKANE	91	26.0	61	17.5	21	6.0	22	6.3
SPOKANE (CITY)	58	33.8	38	22.2	11	6.4	14	8.2
STEVENS	5	16.6	3	10.0			2	6.6
THURSTON	20	14.7	17	12.5	12	8.8	8	5.9
LACEY	4	27.5	4	27.5	1	6.9	2	13.8
OLYMPIA	6	20.8	6	20.8	4	13.9	1	3.5
WAHKIAKUM			1	26.3				
WALLA WALLA	19	19.2	10	20.6	1	2.1	5	10.3
WALLA WALLA (CITY)	16	62.4	8	31.2			4	15.6
WHATCOM	28	24.6	19	16.7	7	6.2	4	3.5
BELLINGHAM	14	30.4	9	19.6	3	6.5		
WHITMAN	9	22.7	1	2.5	1	2.5	1	2.5
PULLMAN	2	8.8					1	4.4
YAKIMA	58	32.2	22	12.2	8	4.4	13	7.2
YAKIMA (CITY)	27	54.7	6	12.2	1	2.0	5	10.1

*RATES PER 100,000 ESTIMATED POPULATION.

TABLE 8

DEATHS WITH RATES* BY SELECTED CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1984

COUNTY AND CITY	BRONCHITIS, EMPHYSEMA, AND ASTHMA		ALCOHOLISM		CIRRHOSIS OF THE LIVER				CHRONIC AND UNSPECIFIED NEPHRITIS	
					WITH MENTION OF ALCOHOLISM	WITHOUT MENTION OF ALCOHOLISM	TOTAL			
	NUMBER	RATE	NUMBER	RATE	NUMBER	NUMBER	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	429	9.9	59	1.4	221	221	442	10.2	26	.6
ADAMS										
ASOTIN	3	17.8	1	5.9						
BENTON	7	6.5			3	4	7	6.5		
KENNEWICK	3	8.1			1	2	3	8.1		
RICHLAND	2	6.3			1		1	3.2		
CHELAN	8	16.8			2	1	3	6.3	2	4.2
WENATCHEE	5	28.9				1	1	5.8		
CLALLAM	4	7.6	1	1.9	3	6	9	17.0		
PORT ANGELES	3	17.4			2	2	4	23.2		
CLARK	21	10.4			12	3	15	7.4	2	1.0
VANCOUVER	5	11.7			7	1	8	18.7	1	2.3
COLUMBIA	1	24.4				1	1	24.4		
COWLITZ	13	16.3	2	2.5	8		8	10.0	1	1.3
KELSO	2	18.5	2	18.5	4		4	36.9	1	9.2
LONGVIEW	4	13.4			3		3	10.1		
DOUGLAS	2	8.8			1		1	4.4		
FERRY										
FRANKLIN	6	11.0	1	2.8						
PASCO	3	15.8	1	5.3						
GARFIELD	1	40.0								
GRANT	6	12.1	1	2.0	4	2	6	12.1		
MOSES LAKE	1	9.7			1		1	9.7		
GRAYS HARBOR	3	4.6			5	4	9	13.8		
ABERDEEN	1	5.7			3	1	4	23.0		
ISLAND	10	20.9	2	4.2		2	2	4.2		
OAK HARBOR			1	8.2						
JEFFERSON	5	29.6				3	3	17.6		
KING	108	8.1	19	1.4	68	78	146	11.0	10	.8
AUBURN	1	3.6				2	2	6.9		
BELLEVUE	8	10.2	1	1.3	2	6	8	10.2	1	1.3
DES MOINES	2	15.3			1		1	7.6		
KENT	1	3.8			1		1	3.8		
KIRKLAND					1		1	5.4		
MERCER ISLAND					1		1	6.8		
REDMOND	4	14.6				1	1	3.7		
RENTON	1	3.0								
SEATTLE	70	16.3	16	3.7	42	43	85	17.3	6	1.2
KITSAP	11	6.8	3	1.8	5	6	11	6.8		
BREMERTON	4	11.8	1	2.9	2	1	3	8.8		
KITTITAS	2	8.0			2		2	8.0	1	4.0
ELLENSBURG	2	17.3							1	8.6
KLICKITAT					1	1	2	12.1		
LEWIS	6	7.1	2	3.5	1	2	3	5.3		
CENTRALIA					1		1	8.5		
LINCOLN	2	20.4	1	10.2	1		1	10.2		
MASON	1	2.9			1	2	3	8.6		
OKANOGAN	2	6.3	3	9.4	2		2	6.3		
PACIFIC	1	5.6	2	11.3	1	2	3	16.9	1	5.6
PEND OREILLE	2	22.0				1	1	11.0	1	11.0
PIERCE	49	9.5	6	.8	37	28	65	12.6	1	.2
PUYALLUP	6	21.5				1	1	5.4		
TACOMA	22	13.8	3	1.9	18	12	30	18.8	1	.6
SAN JUAN										
SKAGIT	6	6.0	2	3.0	5	4	9	13.5		
MOUNT VERNON	1	7.3			1		1	7.3		
SKAMANIA	1	12.7								
SNOHOMISH	26	7.1	2	.5	16	20	36	9.3		
EDMONDS	2	7.2				1	1	3.6		
EVERETT	11	19.4	1	1.8	5	5	10	17.6		
LYNNWOOD	1	6.3			5		5	31.6		
MOUNTLAKE TERRACE	2	12.5								
SPOKANE	67	19.2	6	1.7	28	22	50	14.3	1	.3
SPOKANE (CITY)	48	28.0	4	2.3	22	17	39	22.7	1	.6
STEVENS	6	13.3			1	2	3	10.0		
THURSTON	12	8.8	2	1.5	5	5	10	7.3	1	.7
LACEY	3	20.7				1	1	6.9		
OLYMPIA	5	17.4			1	1	2	6.9		
WAHKIAKUM	1	26.3								
WALLA WALLA	9	18.6	3	6.2		5	5	10.3		
WALLA WALLA (CITY)	7	27.3	3	11.7		5	5	19.5		
WHATCOM	8	7.0			3	1	4	3.5	1	.9
BELLINGHAM	4	8.7							1	2.2
WHITMAN	1	2.5			2	1	3	7.6		
PULLMAN	1	4.4				1	1	4.4		
YAKIMA	26	16.4	2	1.1	6	15	21	11.7	2	1.1
YAKIMA (CITY)	12	26.3	1	2.0	2	7	9	18.2		

*RATES PER 100,000 ESTIMATED POPULATION.

TABLE 9

DEATHS BY SELECTED CAUSES BY PLACE OF RESIDENCE
WASHINGTON STATE 1984

COUNTY AND CITY	TOTAL	TUBERCULOSIS ALL FORMS	SEPTICEMIA AND P/EMIA	ALL OTHER INFECTIOUS AND PARASITIC DISEASES
STATE TOTAL	241	15	142	84
ADAMS	1		1	
ASOTIN				
BENTON	6		2	2
KENNEWICK	1		1	
RICHLAND	2			2
CHELAN	3		2	1
WENATCHEE	2		1	1
CLALLAM	6		2	2
PORT ANGELES	2		2	
CLARK	10	1	6	3
VANCOUVER	6	1	4	1
COLUMBIA				
COWLITZ	7		4	3
KELSO	1		1	
LONGVIEW	3		2	1
DOUGLAS	1		1	
FERRY				
FRANKLIN	1		1	
PASCO	1		1	
GARFIELD				
GRANT	2	1	1	
MOSES LAKE				
GRAYS HARBOR	4		3	1
ABERDEEN	1		1	
ISLAND	1		1	
OAK HARBOR				
JEFFERSON				
KING	83	4	50	29
AUBURN	6		5	1
BELLEVUE				
DES MOINES	3		1	2
KENT	1			1
KIRKLAND				
MERCER ISLAND	2		2	
REDMOND				
RENTON	63	2	26	17
SEATTLE				
KITSAP	6		3	3
BREMERTON	2		2	
KITTITAS	1		1	
ELLENSBURG				
KLICKITAT				
LEWIS	4		3	1
CENTRALIA	1		1	
LINCOLN				
MASON				
OKANOGAN	4		2	2
PACIFIC	2			2
PEND OREILLE	1		1	
PIERCE	19		11	8
PUYALLUP				
TACOMA	9		5	4
SAN JUAN				
SKAGIT	3	1	2	
MOUNT VERNON	1		1	
SKAMANIA				
SNOHOMISH	22	1	14	7
EDMONDS				
EVERETT	7		7	
LYNNWOOD	4		2	2
MOUNTLAKE TERRACE	1			1
SPOKANE	23	2	17	6
SPOKANE (CITY)	15	1	12	2
STEVENS	3		3	
THURSTON	8	3	3	2
LACEY	1		1	
OLYMPIA	2	1		1
WAHKIAKUM				
WALLA WALLA	4	1		3
WALLA WALLA (CITY)	3	1		2
WHATCOM	9		4	5
BELLINGHAM	5		2	3
WHITMAN				
PULLMAN				
YAKIMA	9	1	4	4
YAKIMA (CITY)	4		2	2

TABLE 10

DEATHS WITH RATES* BY EXTERNAL CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1984

COUNTY AND CITY	ALL ACCIDENTS		MOTOR VEHICLE		FALLS		DROWNINGS		FIRES		ALL OTHER ACCIDENTS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	1,700	39.3	848	19.6	231	5.3	125	2.9	79	1.8	417	9.6
ADAMS	7	51.1	4	29.2	1	7.3					2	14.6
ASOTIN	3	17.8	2	11.8							1	5.9
BENTON	41	38.1	22	20.4	4	3.7	5	4.6	5	4.6	5	4.6
KENNEWICK	16	37.6	8	21.5	1	2.7			3	8.1	2	5.4
RICHLAND	11	34.7	6	19.0	1	3.2	2	6.3	1	3.2	1	3.2
CHELAN	46	96.8	27	56.8	6	12.6	3	6.3	1	2.1	9	18.9
WENATCHEE	17	98.1	6	34.6	5	28.9	1	5.8			5	28.9
CLALLAM	26	69.1	15	28.4	1	1.9	3	5.7	1	1.9	6	11.3
PORT ANGELES	6	34.8	3	17.4	1	5.8			1	5.8	1	5.8
CLARK	84	61.6	47	23.3	10	5.0	5	2.5	1	.5	21	10.4
VANCOUVER	36	79.3	20	44.7	5	11.7	3	7.0			6	14.0
COLUMBIA	1	73.2	1	73.2								
COWLITZ	25	31.3	15	18.8	4	5.0	3	3.8			3	3.8
KELSO	6	36.9	6	36.9								
LONGVIEW	8	26.8	1	3.4	2	6.7	3	10.1			2	6.7
DOUGLAS	12	53.1	9	39.8	1	4.4					2	8.8
FERRY	7	114.8	6	98.4							1	16.4
FRANKLIN	19	52.3	10	27.5			2	5.5			7	19.3
PASCO	12	63.4	5	26.4			2	10.6			5	26.4
GARFIELD	1	40.0			1	40.0						
GRANT	20	40.6	10	20.2	3	6.1	4	8.1			3	6.1
MOSES LAKE	3	29.0	2	19.3			1	9.7				
GRAYS HARBOR	40	61.4	25	38.4	3	4.6	1	1.5	5	7.7	6	9.2
ABERDEEN	6	34.5	4	23.0			1	5.7			1	5.7
ISLAND	20	61.8	11	33.0	2	6.2	5	10.5	1	2.1	1	2.1
OAK HARBOR	3	24.6	3	24.6								
JEFFERSON	5	29.4	2	11.8			1	5.9			2	11.8
KING	452	36.1	180	13.6	85	6.4	29	2.2	12	.9	146	11.0
AUBURN	6	20.6	5	17.1			1	3.4				
BELLEVUE	19	24.2	7	8.9	6	7.6	2	2.5			4	5.1
DES MOINES	6	30.5			1	7.6					3	22.9
KENT	11	41.9	6	15.2			1	3.8	1	3.8	5	19.0
KIRKLAND	8	62.8	2	10.7	5	26.8					1	5.4
MERCER ISLAND	4	19.1	1	4.8	2	9.6					1	4.8
REDMOND	13	67.5	5	18.3	3	11.0	1	3.7	1	3.7	3	11.0
RENTON	12	36.0	6	18.0	1	3.0			1	3.0	4	12.0
SEATTLE	211	43.0	69	14.1	43	8.8	12	2.4	8	1.6	79	16.1
KITSAP	46	28.3	22	13.5	5	3.1	5	3.1	2	1.2	12	7.4
BREMERTON	10	29.4	4	11.8			1	2.9	1	2.9	4	11.8
KITTITAS	11	64.0	4	16.0	2	8.0	1	4.0			4	16.0
ELLENSBURG	3	25.9	1	8.6	1	8.6					1	8.6
KLICKITAT	9	56.5	7	42.4	1	6.1	1	6.1				
LEWIS	33	58.3	19	33.6	1	1.8	1	1.8	3	5.3	9	15.9
CENTRALIA	6	36.0	2	17.0			1	8.5	1	8.5		
LINCOLN	9	91.8	6	61.2	2	20.4					1	10.2
MASON	26	76.7	11	31.6	4	11.5	1	2.9	2	5.7	8	23.0
OKANOGAN	29	90.9	15	47.0	2	6.3			4	12.5	8	25.1
PACIFIC	15	86.7	7	39.5	3	16.9	2	11.3	2	11.3	1	5.6
PEND OREILLE	5	54.9	1	11.0			1	11.0	1	11.0	2	22.0
PIERCE	180	35.0	98	19.0	15	2.9	12	2.3	16	3.1	39	7.6
PUYALLUP	7	37.6	4	21.5	2	10.8					1	5.4
TACOMA	66	40.2	31	19.4	8	5.0	4	2.5	9	5.6	12	7.5
SAN JUAN	3	33.7	1	11.2			1	11.2	1	11.2		
SKAGIT	31	66.4	17	25.4	3	4.5	1	1.5	2	3.0	8	12.0
MOUNT VERNON	6	63.7	4	29.1	1	7.3					1	7.3
SKAMANIA	6	75.9	4	50.6							2	25.3
SNOHOMISH	133	36.1	75	20.5	19	5.2	16	4.4	2	.5	21	5.7
EDMONDS	2	7.2	1	3.6	1	3.6						
EVERETT	28	49.4	16	28.2	4	7.1	2	3.5	1	1.8	5	8.8
LYNNWOOD	3	13.0	1	4.3	1	4.3					1	4.3
MOUNTLAKE TERRACE	3	18.7	2	12.5							1	6.2
SPOKANE	119	37.2	62	17.7	21	6.0	7	2.0	5	1.4	35	10.0
SPOKANE (CITY)	77	46.9	28	16.3	19	11.1	4	2.3	4	2.3	22	12.8
STEVENS	22	73.1	11	36.5	3	10.0	2	6.6	2	6.6	4	13.3
THURSTON	36	26.4	19	14.0	8	6.4	1	.7	1	.7	9	6.6
LACEY	1	6.9			1	6.9						
OLYMPIA	11	38.2	6	13.9	2	6.9					5	17.4
WAHKIAKUM	1	26.3	1	26.3								
WALLA WALLA	26	53.6	8	16.5	8	16.5	2	4.1	1	2.1	7	14.4
WALLA WALLA (CITY)	16	62.4	6	23.4	4	15.6	2	7.8	1	3.9	3	11.7
WHATCOM	42	36.9	16	14.1	4	3.5	2	1.8	6	5.3	14	12.3
BELLINGHAM	16	34.8	6	13.0	2	4.3	1	2.2	3	6.5	4	8.7
WHITMAN	7	17.6	4	10.1	2	5.0					1	2.5
PULLMAN	3	13.2	1	4.4	1	4.4					1	4.4
YAKIMA	89	49.6	52	28.9	9	5.0	8	4.4	3	1.7	17	9.4
YAKIMA (CITY)	19	38.5	10	20.3	4	8.1	3	6.1			2	4.1

*RATES PER 100,000 ESTIMATED POPULATION.

TABLE 11

DEATHS WITH RATES* BY EXTERNAL CAUSES BY PLACE OF RESIDENCE, WASHINGTON STATE 1984

COUNTY AND CITY	SUICIDE NUMBER	SUICIDE RATE	HOMICIDE NUMBER	HOMICIDE RATE	UNDETERMINED EXTERNAL INJURIES NUMBER	UNDETERMINED EXTERNAL INJURIES RATE
STATE TOTAL	574	13.3	204	4.7	63	1.5
ADAMS						
ASOTIN	3	17.8				
BENTON	17	15.8	5	4.6		
KENNEWICK	8	21.4	3	8.0		
RICHLAND	5	13.7	1	3.1		
CHELAN	2	3.2			1	2.1
WENATCHEE	1	4.7			1	5.7
CLALLAM	3	4.7	3	5.7		
PORT ANGELES	2	11.6	1	5.8		
CLARK	26	11.9	7	3.5	3	1.5
VANCOUVER	5	11.6	1	2.3	1	2.3
COLUMBIA			1	26.4		
COWLITZ	16	20.0	2	7.5	1	1.3
KELSO	6	55.3				
LONGVIEW	4	11.4	1	3.3	1	3.3
DOUGLAS	4	17.7	2	8.8		
FERRY						
FRANKLIN	4	11.0				
PASCO	4	21.1				
GARFIELD						
GRANT	1	2.0	1	2.0		
MOSES LAKE						
GRAYS HARBOR	11	16.9	3	4.6	2	3.1
ABERDEEN	4	22.9				
ISLAND	5	12.6	2	4.2		
OAK HARBOR						
JEFFERSON	4	23.5				
KING	185	13.9	82	6.2	26	2.0
AUBURN	5	17.1	1	3.4	1	3.4
BELLEVUE	9	11.6	5	6.3	1	1.2
DES MOINES	1	7.6				
KENT	3	11.4			1	3.8
KIRKLAND	1	5.1	1	5.3		
MERCER ISLAND	3	14.3	1	4.7		
REDMOND	2	7.3				
RENTON	3	8.9	4	11.9		
SEATTLE	81	16.5	55	11.2	15	3.0
KITSAP	10	6.2	1	.6	2	1.2
BREMERTON	4	11.7	1	2.9		
KITTITAS	4	16.0	1	4.0		
ELLENSBURG	2	17.2	1	8.6		
KLICKITAT			1	5.1		
LEWIS	8	14.1				
CENTRALIA	3	25.4				
LINCOLN	1	10.2				
MASON	3	9.9	5	16.4		
OKANOGAN	9	23.2	3	9.4		
PACIFIC	5	24.2				
PEND OREILLE	2	22.0	1	11.0		
PIERCE	65	12.5	40	7.8	16	3.1
PUYALLUP	2	10.7				
TACOMA	23	14.4	17	10.6	9	5.6
SAN JUAN						
SKAGIT	10	15.0	3	4.5	3	4.5
MOUNT VERNON	3	7.2				
SKAMANIA	2	25.3				
SNOHOMISH	37	10.1	6	1.6	3	.8
EDMONDS	5	17.9			1	3.5
EVERETT	13	22.9	2	3.5	1	1.7
LYNNWOOD	2	8.6				
MOUNTLAKE TERRACE	1	6.2				
SPOKANE	65	18.6	18	5.2	3	.9
SPOKANE (CITY)	43	25.0	15	8.7	3	1.7
STEVENS	4	13.3			1	3.3
THURSTON	17	12.5	2	1.5		
LACEY	1	6.8	1	6.8		
OLYMPIA	8	27.7				
WAHKIAKUM	1	26.3				
WALLA WALLA	3	6.2	2	4.1		
WALLA WALLA (CITY)	3	11.7	2	7.8		
WHATCOM	12	10.6				
BELLINGHAM	6	13.0				
WHITMAN	4	10.1				
PULLMAN	2	8.7				
YAKIMA	12	11.6	13	7.2	2	1.1
YAKIMA (CITY)	10	20.2	4	8.1		

*RATES PER 100,000 ESTIMATED POPULATION.

TABLE 12

RESIDENCE DEATHS WITH RATES(1) AND PERCENT(2) BY AGE GROUP AND SEX BY LEADING CAUSES, WASHINGTON STATE 1986

	INTERNATIONAL LIST NUMBER	TOTAL NUMBER	TOTAL RATE	TOTAL PERCENT(3)	MALE NUMBER	MALE RATE	MALE PERCENT(3)	FEMALE NUMBER	FEMALE RATE	FEMALE PERCENT(3)
ALL AGES										
ALL CAUSES		33,788	780.7	100.0	17,942	833.2	100.0	15,846	728.7	100.0
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	11,962	276.4	35.4	6,411	297.7	35.7	5,551	255.3	35.0
MALIGNANT NEOPLASMS	140-208,230-234	7,711	178.2	22.8	4,063	188.7	22.6	3,648	167.8	23.0
CEREBROVASCULAR DISEASE	430-438	2,795	64.6	8.3	1,137	52.8	6.3	1,658	76.2	10.5
ALL ACCIDENTS	E800-949	1,200	39.3	5.0	1,176	54.6	6.6	526	24.1	3.3
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	490-496	1,495	34.5	4.6	905	42.0	5.0	590	27.1	3.7
INFLUENZA AND PNEUMONIA	480-487	1,042	24.1	3.1	492	22.8	2.7	550	25.3	3.5
DIABETES MELLITUS	250	591	13.7	1.7	266	12.4	1.5	325	14.9	2.1
SUICIDE	E950-959	574	13.3	1.7	446	20.7	2.5	128	5.9	.8
ARTERIOSCLEROSIS	440	449	10.4	1.3	190	8.8	1.1	259	11.9	1.6
CIRRHOSIS OF LIVER	571	442	10.2	1.3	268	12.4	1.5	174	8.0	1.1
ALL OTHER CAUSES		5,027	116.1	14.9	2,588	120.2	14.4	2,439	112.2	15.4
UNDER 1										
ALL CAUSES		706	1024.7	100.0	420	1187.8	100.0	286	851.7	100.0
SUDDEN INFANT DEATH SYNDROME	7980	192	279.5	27.1	107	302.6	25.5	85	256.9	29.9
CERTAIN CAUSES MORTALITY IN EARLY INFANCY	760-762,764-766, 770-779	162	235.8	23.0	107	302.6	25.5	55	166.9	19.4
CONGENITAL ANOMALIES	740-759	149	216.9	21.2	85	240.4	20.2	64	191.9	22.5
BIRTH INJURY, ETC.	763,767-769	101	147.0	14.3	61	172.5	14.5	40	120.0	14.1
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	11	16.0	1.6	5	14.1	1.2	6	18.0	2.1
ALL OTHER CAUSES		89	129.5	12.6	55	155.5	13.1	34	102.0	12.0
1 - 4										
ALL CAUSES		142	52.5	100.0	82	59.2	100.0	60	45.6	100.0
ALL ACCIDENTS	E800-949	58	21.4	40.8	34	24.5	41.5	24	18.2	40.0
CONGENITAL ANOMALIES	740-759	19	7.0	13.4	11	7.9	13.4	8	6.1	13.3
MALIGNANT NEOPLASMS	140-208,230-234	11	4.1	7.7	7	5.1	8.5	4	3.0	6.7
HOMICIDE	E960-969	10	3.7	7.0	5	3.6	6.1	5	3.8	8.3
INFLUENZA AND PNEUMONIA	480-487	6	2.2	4.2	6	4.3	7.3			
ALL OTHER CAUSES		38	14.0	26.8	19	13.7	23.2	19	14.4	31.7
5 - 14										
ALL CAUSES		170	28.0	100.0	107	34.4	100.0	63	21.2	100.0
ALL ACCIDENTS	E800-949	88	14.5	51.8	62	20.0	57.9	26	8.7	41.3
MALIGNANT NEOPLASMS	140-208,230-234	19	3.1	11.2	12	3.9	11.2	7	2.4	11.1
CONGENITAL ANOMALIES	740-759	12	2.0	7.1	8	2.6	7.5	4	1.3	6.3
SUICIDE	E950-959	6	1.0	3.5	3	1.0	2.8	3	1.0	4.8
HOMICIDE	E960-969	5	.8	2.9	3	1.0	2.8	2	.7	3.2
ALL OTHER CAUSES		40	6.6	23.5	19	6.1	17.8	21	7.1	33.3
15 - 19										
ALL CAUSES		266	81.9	100.0	185	110.9	100.0	81	51.2	100.0
ALL ACCIDENTS	E800-949	162	49.9	60.9	122	73.2	65.9	40	25.3	49.4
SUICIDE	E950-959	37	11.4	13.9	31	18.6	16.8	6	3.8	7.4
HOMICIDE	E960-969	17	5.2	6.4	11	6.6	5.9	6	3.8	7.4
MALIGNANT NEOPLASMS	140-208,230-234	12	3.7	4.5	4	2.4	2.2	8	5.1	9.9
INFLUENZA AND PNEUMONIA	480-487	4	1.2	1.5	1	.6	.5	3	1.9	3.7
ALL OTHER CAUSES		34	10.5	12.8	16	9.6	8.6	18	11.4	22.2
20 - 24										
ALL CAUSES		413	109.2	100.0	303	156.0	100.0	110	60.7	100.0
ALL ACCIDENTS	E800-949	224	59.2	54.2	172	87.6	56.8	52	28.7	47.3
SUICIDE	E950-959	66	17.5	16.0	59	30.0	19.5	7	3.9	6.4
HOMICIDE	E960-969	40	10.6	9.7	30	15.2	9.9	10	5.5	9.1
MALIGNANT NEOPLASMS	140-208,230-234	27	7.1	6.5	13	6.6	4.3	14	7.7	12.7
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	9	2.4	2.2	4	2.0	1.3	5	2.8	4.5
ALL OTHER CAUSES		47	12.4	11.4	25	12.7	8.3	22	12.1	20.0
25 - 34										
ALL CAUSES		787	99.9	100.0	558	139.0	100.0	229	59.2	100.0
ALL ACCIDENTS	E800-949	296	37.1	37.6	230	57.3	41.2	66	16.6	27.9
SUICIDE	E950-959	138	17.5	17.5	113	28.1	20.3	25	6.5	10.9
MALIGNANT NEOPLASMS	140-208,230-234	82	10.4	10.4	38	9.5	6.8	44	11.4	19.2
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	52	6.6	6.6	37	9.2	6.6	15	3.9	6.6
HOMICIDE	E960-969	50	6.3	6.4	33	8.2	5.9	17	4.4	7.4
ALL OTHER CAUSES		171	21.7	21.7	107	26.6	19.2	66	16.6	27.9

TABLE 12 (con't)

RESIDENCE DEATHS WITH RATES(1) AND PERCENT(2) BY AGE GROUP AND SEX BY LEADING CAUSES, WASHINGTON STATE 1984

	INTERNATIONAL LIST NUMBER	TOTAL NUMBER	TOTAL RATE	TOTAL PERCENT(3)	MALE NUMBER	MALE RATE	MALE PERCENT(3)	FEMALE NUMBER	FEMALE RATE	FEMALE PERCENT(3)
35 - 44										
ALL CAUSES		996	162.6	100.0	636	204.7	100.0	360	119.3	100.0
MALIGNANT NEOPLASMS	140-208,230-234	269	43.9	27.0	121	38.9	19.0	148	49.0	41.1
ALL ACCIDENTS	E800-949	202	33.0	20.3	154	49.6	24.2	48	15.9	13.3
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	152	24.8	15.3	118	38.0	18.6	34	11.3	9.4
SUICIDE	E950-959	83	13.5	8.3	56	18.0	8.8	27	8.9	7.5
CIRRHOSIS OF LIVER	571	48	7.8	4.8	37	11.9	5.8	11	3.6	3.1
ALL OTHER CAUSES		242	39.5	24.3	150	48.3	23.6	92	30.5	25.6
45 - 54										
ALL CAUSES		1,698	420.8	100.0	1,090	536.0	100.0	608	304.8	100.0
MALIGNANT NEOPLASMS	140-208,230-234	581	144.0	34.2	290	142.1	26.6	291	145.9	47.9
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	501	124.1	29.5	385	188.6	35.3	116	58.2	19.1
ALL ACCIDENTS	E800-949	128	31.7	7.5	107	52.4	9.8	21	10.5	3.5
CIRRHOSIS OF LIVER	571	72	17.8	4.2	43	21.1	3.9	29	14.5	4.8
CEREBROVASCULAR DISEASE	430-438	62	15.4	3.7	35	17.1	3.2	27	13.5	4.4
ALL OTHER CAUSES		354	87.7	20.8	230	112.7	21.1	124	62.2	20.4
55 - 64										
ALL CAUSES		4,531	1163.5	100.0	2,785	1692.4	100.0	1,746	860.8	100.0
MALIGNANT NEOPLASMS	140-208,230-234	1,697	435.8	37.5	900	482.3	32.3	797	392.9	45.6
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	1,471	377.7	32.5	1,064	570.2	38.2	407	200.7	23.3
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	490-496	242	62.1	5.3	138	74.0	5.0	104	51.2	6.0
CEREBROVASCULAR DISEASE	430-438	196	50.3	4.3	110	58.9	3.9	86	42.4	4.9
ALL ACCIDENTS	E800-969	134	34.4	3.0	96	50.4	3.4	40	19.7	2.3
ALL OTHER CAUSES		791	203.1	17.5	479	256.7	17.2	312	153.8	17.9
65 - 74										
ALL CAUSES		7,826	2689.0	100.0	4,618	3487.2	100.0	3,206	2022.2	100.0
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	2,774	953.6	35.5	1,807	1364.5	39.1	967	609.9	30.2
MALIGNANT NEOPLASMS	140-208,230-234	2,432	835.8	31.1	1,363	1029.2	29.5	1,069	674.3	33.3
CEREBROVASCULAR DISEASE	430-438	565	187.3	7.0	286	216.5	6.1	281	166.6	8.1
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	490-496	544	187.0	7.0	305	230.3	6.6	239	150.8	7.5
DIABETES MELLITUS	250	148	50.9	1.9	71	53.6	1.5	77	48.6	2.4
ALL OTHER CAUSES		1,381	474.6	17.7	788	595.0	17.1	593	374.0	18.5
75 - 84										
ALL CAUSES		8,960	6173.6	100.0	4,614	8273.3	100.0	4,326	4858.5	100.0
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	3,647	2518.5	40.8	1,854	3326.6	40.2	1,793	2013.7	41.4
MALIGNANT NEOPLASMS	140-208,230-234	1,856	1281.7	20.8	1,011	1812.8	21.9	845	949.0	19.5
CEREBROVASCULAR DISEASE	430-438	947	654.0	10.6	412	738.7	8.9	535	600.9	12.4
CHRONIC OBSTRUCTIVE PULMONARY DISEASES	490-496	474	327.3	5.3	324	580.9	7.0	150	168.5	3.5
INFLUENZA AND PNEUMONIA	480-487	306	211.3	3.4	159	285.1	3.4	147	165.1	3.4
ALL OTHER CAUSES		1,710	1180.9	19.1	854	1531.3	18.5	856	961.4	19.8
85 AND OVER										
ALL CAUSES		7,316	15112.0	100.0	2,544	18118.4	100.0	4,772	13883.8	100.0
DISEASES OF THE HEART	391-2.0,393-8,402, 404,410-7,420-9	3,335	6888.8	45.6	1,132	8062.1	44.5	2,203	6409.5	46.2
CEREBROVASCULAR DISEASE	430-438	1,000	2065.6	13.7	275	1958.5	10.8	725	2109.3	15.2
MALIGNANT NEOPLASMS	140-208,230-234	726	1499.5	9.9	304	2165.1	11.9	420	1222.0	8.8
INFLUENZA AND PNEUMONIA	480-487	484	999.8	6.6	184	1310.4	7.2	300	872.8	6.3
ARTERIOSCLEROSIS	440	221	456.5	3.0	62	441.6	2.4	159	462.6	3.3
ALL OTHER CAUSES		1,552	3205.8	21.2	587	4180.6	23.1	965	2807.6	20.2
AGE UNKNOWN										
ALL CAUSES		1		100.0				1		100.0
HOMICIDE	E960-969	1		100.0				1		100.0

(1) RATE PER 100,000 POPULATION IN EACH AGE - SEX GROUP.
(2) PERCENT OF TOTAL DEATHS IN EACH AGE - SEX GROUP.
(3) DETAIL MAY NOT ADD UP TO 100 PERCENT DUE TO ROUNDING.

TABLE 13

RESIDENCE DEATHS WITH RATES(1) BY SELECTED CAUSES BY SEX, WASHINGTON STATE 1984

CAUSE WITH INTERNATIONAL LIST NUMBER	TOTAL NUMBER	TOTAL RATE	MALE NUMBER	MALE RATE	FEMALE NUMBER	FEMALE RATE	UNKNOWN
TOTAL ALL CAUSES	[33,788]	[780.6]	[17,942]	[833.1]	[15,846]	[778.6]	
INFECTIOUS AND PARASITIC DISEASES	[241]	[5.5]	[126]	[5.8]	[115]	[5.2]	
TUBERCULOSIS (010-018, 137)	15	.3	11	.5	4	.1	
SEPTICEMIA (038)	142	3.2	67	3.1	75	3.4	
OTHER (000-139)	84	1.9	48	2.2	36	1.6	
NEOPLASMS	[7,799]	[180.1]	[4,096]	[190.2]	[3,703]	[170.2]	
MALIGNANT NEOPLASMS (140-208,230-234)	7,711	178.1	4,063	188.6	3,648	167.7	
BENIGN AND UNSPECIFIED NEOPLASMS (210-229,235-239)	88	2.0	33	1.5	55	2.5	
ENDOCRINE, NUTRITIONAL, METABOLIC DISEASES, AND IMMUNITY DISORDERS	[740]	[18.2]	[359]	[16.6]	[431]	[19.8]	
DIABETES MELLITUS (250)	591	13.6	266	12.3	325	14.9	
NUTITIONAL DEFICIENCIES (260-269)	60	1.3	19	.8	41	1.8	
OTHER (240-279)	139	3.2	74	3.4	65	2.9	
DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	[108]	[2.4]	[62]	[2.8]	[46]	[2.1]	
ANEMIA (280-285)	54	1.2	27	1.2	27	1.2	
OTHER (286-289)	54	1.2	35	1.6	19	.8	
MENTAL DISORDERS	[403]	[9.3]	[164]	[7.6]	[239]	[10.9]	
ALCOHOL-RELATED (291,303,305)	75	1.7	53	2.4	22	1.0	
OTHER (290-319)	328	7.5	111	5.1	217	9.9	
DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	[638]	[14.7]	[326]	[15.1]	[312]	[14.3]	
PARKINSON'S DISEASE (332)	118	2.7	66	3.0	52	2.3	
AMYOTROPHIC LATERAL SCLEROSIS (335.2)	67	1.5	32	1.4	35	1.6	
OTHER HEREDITARY AND DEGENERATIVE DISEASES OF THE CENTRAL NERVOUS SYSTEM (330-337)	233	5.3	110	5.1	123	5.6	
MULTIPLE SCLEROSIS (340)	38	.8	17	.7	21	.9	
OTHER (320-326,340-389)	182	4.2	101	4.6	81	3.7	
DISEASES OF THE CIRCULATORY SYSTEM	[15,800]	[365.0]	[8,091]	[375.2]	[7,719]	[354.9]	
DISEASES OF THE HEART (391-392.0,393-398,402,404, 410-417,420-429)							
CHRONIC RHEUMATIC HEART DISEASE (391-392.0,393-398)	139	3.2	41	1.9	98	4.5	
HYPERTENSIVE HEART DISEASE (402)	243	5.6	95	4.4	148	6.8	
HYPERTENSIVE HEART AND RENAL DISEASE (404)	38	.8	22	1.0	16	.7	
ACUTE ISCHEMIC HEART DISEASE (410,411)	3,841	88.7	2,318	107.6	1,523	70.0	
CHRONIC ISCHEMIC HEART DISEASE (412-414)	4,165	96.2	2,213	102.7	1,952	89.7	
OTHER HEART DISEASE (415-417,420-429)	3,536	81.6	1,722	79.9	1,814	83.4	
HYPERTENSIVE DISEASE (401-403)	119	2.7	47	2.1	72	3.3	
CEREBROVASCULAR DISEASE (430-438)	2,795	64.5	1,137	52.7	1,658	76.2	
ARTERIOSCLEROSIS (440)	449	10.3	190	8.8	259	11.9	
OTHER (390-459)	475	10.9	296	13.7	179	8.2	
DISEASES OF THE RESPIRATORY SYSTEM	[2,915]	[67.3]	[1,603]	[74.4]	[1,312]	[60.3]	
CHRONIC AND UNQUALIFIED BRONCHITIS (490-491)	55	1.2	25	1.1	30	1.3	
EMPHYSEMA (492)	281	6.4	178	8.2	103	4.7	
ASTHMA (493)	80	1.8	35	1.6	45	2.0	
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES (494-496)	1,079	24.9	667	30.9	412	18.9	
PNEUMONIA (480-486)	982	22.6	472	21.9	510	23.4	
INFLUENZA (488)	60	1.3	20	.9	40	1.8	
OTHER (460-478,500-519)	378	8.7	206	9.5	172	7.9	

(1) RATES PER 100,000 ESTIMATED POPULATION

TABLE 13

RESIDENCE DEATHS WITH RATES(1) BY SELECTED CAUSES BY SEX, WASHINGTON STATE 1984

CAUSE WITH INTERNATIONAL LIST NUMBER	TOTAL NUMBER	TOTAL RATE	MALE NUMBER	MALE RATE	FEMALE NUMBER	FEMALE RATE	UNKNOWN
DISEASES OF THE DIGESTIVE SYSTEM	[1,219]	[28.1]	[599]	[27.8]	[620]	[28.5]	
ULCER OF STOMACH AND DUODENUM (531-533)	112	2.5	55	2.5	57	2.6	
HERNIA AND INTESTINAL OBSTRUCTION (550-553,560)	108	2.4	42	1.9	66	3.0	
CIRRHOSIS OF THE LIVER (571)	442	10.2	268	12.4	174	8.0	
CHOLELITHIASIS, CHOLECYSTITIS, AND CHOLANGITIS (574-576)	65	1.5	31	1.4	34	1.5	
OTHER (520-579)	492	11.3	203	9.4	289	13.2	
DISEASES OF THE GENITOURINARY SYSTEM	[408]	[9.4]	[219]	[10.1]	[189]	[8.6]	
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS (580-589)	263	6.0	153	7.1	110	5.0	
OTHER (590-629)	145	3.3	66	3.0	79	3.6	
COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM (630-676)	[7]	[.1]			[7]	[.3]	
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE (680-709)	[34]	[.7]	[14]	[.6]	[20]	[.9]	
DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE (710-739)	[93]	[2.1]	[28]	[1.3]	[65]	[2.9]	
CONGENITAL ANOMALIES (740-759)	[233]	[5.3]	[137]	[6.3]	[96]	[4.4]	
BIRTH INJURIES, DIFFICULT LABOR, AND OTHER ANOXIC AND HYPOXIC CONDITIONS (763,767-769)	[104]	[2.4]	[63]	[2.9]	[41]	[1.8]	
OTHER CAUSES OF MORTALITY IN EARLY INFANCY (760-762,764-766,770-779)	[164]	[3.7]	[108]	[5.0]	[56]	[2.5]	
SYMPTOMS, SIGNS, AND OTHER ILL-DEFINED CONDITIONS	[288]	[6.6]	[151]	[7.0]	[137]	[6.2]	
SUDDEN INFANT DEATH SYNDROME (798.0-798.1)	197	4.5	111	5.1	86	3.9	
OTHER (780-799)	91	2.1	40	1.8	51	2.3	
ACCIDENTS	[1,700]	[38.2]	[1,176]	[54.6]	[524]	[24.0]	
MOTOR VEHICLE (E810-825,E9280)	848	19.5	580	26.9	268	12.3	
WATER TRANSPORT (E830-838)	34	.7	29	1.3	5	.2	
AIR AND SPACE TRANSPORT (E840-845)	40	.9	36	1.6	4	.1	
ACCIDENTAL POISONING (E850-869,E9282)	113	2.6	83	3.8	30	1.3	
FALLS (E880-888, E9283)	231	5.3	119	5.5	112	5.1	
FIRE (E890-899,E9284)	79	1.8	48	2.2	31	1.4	
ACCIDENTAL DROWNING (E910)	91	2.1	69	3.2	22	1.0	
OTHER (E800-949)	264	6.0	212	9.8	52	2.3	
SUICIDE	[574]	[13.2]	[446]	[20.7]	[128]	[5.8]	
FIREARMS AND EXPLOSIVES (E955)	301	6.9	260	12.0	41	1.8	
OTHER (E950-954,E956-959)	273	6.3	186	8.6	87	4.0	
HOMICIDE	[204]	[4.7]	[138]	[6.4]	[66]	[3.0]	
FIREARMS AND EXPLOSIVES (E965)	107	2.4	79	3.6	28	1.2	
OTHER (E960-964,E966-969)	97	2.2	59	2.7	38	1.7	
LEGAL INTERVENTION (E970-978)	[3]	]	[3]	[.1]			
UNDETERMINED EXTERNAL INJURIES (E980-989)	[63]	[1.4]	[43]	[1.9]	[20]	[.9]	

(1) RATES PER 100,000 ESTIMATED POPULATION

TABLE 14

RESIDENCE DEATHS DUE TO MALIGNANT NEOPLASM WITH RATES(1) BY SEX, WASHINGTON STATE 1984

CAUSE WITH INTERNATIONAL LIST NUMBER	TOTAL NUMBER	TOTAL RATE	MALE NUMBER	MALE RATE	FEMALE NUMBER	FEMALE RATE	UNKNOWN
TOTAL ALL CAUSES	[7,711]	[178.2]	[4,063]	[188.7]	[3,648]	[167.8]	
LIP, ORAL CAVITY, AND PHARYNX (140-149,230.0)	[137]	[3.2]	[86]	[4.0]	[51]	[2.3]	
DIGESTIVE ORGANS AND PERITONEUM (150-159,230.1-230.9)	[1,872]	[43.3]	[982]	[45.6]	[890]	[40.9]	
ESOPHAGUS (150,230.1)	141	3.3	102	4.7	39	1.8	
STOMACH (151,230.2)	216	5.0	128	5.9	88	4.0	
SMALL INTESTINE, INCLUDING DUODENUM (152)	14	.3	8	.4	6	.3	
COLON (153,230.3)	719	16.6	343	15.9	376	17.3	
RECTUM (154,230.4-230.6)	163	3.8	94	4.4	69	3.2	
LIVER AND INTRAHEPATIC DUCTS (155,230.8)	73	1.7	42	2.0	31	1.4	
GALLBLADDER AND EXTRAHEPATIC BILE DUCTS (156)	63	1.5	21	1.0	42	1.9	
PANCREAS (157)	414	9.6	209	9.7	205	9.4	
RETROPERITONEUM AND PERITONEUM (158)	11	.3	4	.2	7	.3	
OTHER AND ILL-DEFINED SITES (159,230.7,230.9)	58	1.3	31	1.4	27	1.2	
RESPIRATORY AND INTRATHORACIC ORGANS (160-165,231)	[2,205]	[50.9]	[1,450]	[67.3]	[755]	[34.7]	
LUNG (162,231.1,231.2)	2,110	48.8	1,377	63.9	733	33.7	
OTHER AND ILL-DEFINED SITES (160-161,163-165 231.0,231.8,231.9)	95	2.2	73	3.4	22	1.0	
BONE, CONNECTIVE TISSUE, SKIN AND BREAST (170-175, 232,233.0)	[906]	[20.9]	[134]	[6.2]	[772]	[35.5]	
BONE AND ARTICULAR CARTILAGE (170)	24	.6	17	.8	7	.3	
CONNECTIVE TISSUE AND OTHER SOFT TISSUE (171)	51	1.2	24	1.1	27	1.2	
SKIN (172-173,232)	138	3.2	91	4.2	47	2.2	
BREAST (174,175,233.0)	693	16.0	2	.1	691	31.8	
GENITAL ORGANS (179-187,233.1-233.6)	[872]	[20.1]	[462]	[21.5]	[410]	[18.9]	
URINARY ORGANS (188-189,233.7-233.9)	[329]	[7.6]	[217]	[10.1]	[112]	[5.2]	
BRAIN (191)	[206]	[4.8]	[126]	[5.9]	[80]	[3.7]	
OTHER AND ILL-DEFINED SITES (190,192-199,234)	[435]	[10.1]	[218]	[10.1]	[217]	[10.0]	
LYMPHATIC AND HEMATOPOIETIC TISSUE (200-208)	[749]	[17.3]	[388]	[18.0]	[361]	[16.6]	
LYMPHOSARCOMA (200)	118	2.7	62	2.9	56	2.6	
HODGKINS DISEASE (201)	34	.8	21	1.0	13	.6	
LYMPHOID AND HISTIOCYTIC TISSUE (202)	170	3.9	83	3.9	87	4.0	
MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE TISSUE (203)	136	3.1	64	3.0	72	3.3	
LYMPHOID LEUKEMIA (204)	79	1.8	48	2.2	31	1.4	
MYELOID LEUKEMIA (205)	133	3.1	68	3.2	65	3.0	
MONOCYTIC LEUKEMIA (206)	7	.2	2	.1	5	.2	
OTHER AND UNSPECIFIED LEUKEMIA (207-208)	72	1.7	40	1.9	32	1.5	

(1) RATES PER 100,000 ESTIMATED POPULATION
(2) GROUP TOTALS ARE SHOWN IN BRACKETS

TABLE 15

RESIDENCE DEATHS BY NON-TRANSPORT CAUSES, BY PLACE OF ACCIDENT WASHINGTON STATE 1984*

CAUSE OF DEATH	TOTAL	HOME	NURSING HOME	AGRICULTURE	INDUSTRY	PUBLIC	UNKNOWN
STATE TOTAL	753	343		29	47	228	106
POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICALS (E850-E858)	79	61				8	10
POISONING BY OTHER SOLID AND LIQUID SUBSTANCES, GASES AND VAPORS (E860-E869)	33	20		1	3	5	4
MISADVENTURES AND ABNORMAL REACTIONS DUE TO SURGICAL AND MEDICAL CARE (E700-E879)	13					9	4
FALLS (E880-E888)	226	111			11	74	30
FALLS ON STAIRS AND LADDERS (E880-E881)	22	16			2	2	2
FALLS FROM ONE LEVEL TO ANOTHER (E882-E884)	52	16			8	28	
FALLS ON SAME LEVEL (E885-E886)	14	8				4	2
OTHER AND UNSPECIFIED FALLS (E887-E888)	138	71			1	40	26
FIRE (E890-E899) •	79	71			1	4	3
NATURAL AND ENVIRONMENTAL FACTORS (E900-E909)	34	13		2	2	11	6
DROWNING, EXCLUDING SUBMERSION FOLLOWING BOATING ACCIDENTS (E910)	91	15			1	75	
INHALATION AND INGESTION OF FOOD OR OTHER OBJECT CAUSING SUFFOCATION AND OBSTRUCTION (E911,E912)	43	13				10	20
MECHANICAL SUFFOCATION (E913)	13	10				3	
FOREIGN BODY ENTERING OTHER ORIFICE (E914-E915)	1						1
STRUCK BY, AGAINST OR BETWEEN OBJECTS (E916-E918)	28	2		12	2	11	1
MACHINERY (E919-E920)	32	4		12	14	2	
EXPLOSION AND EXPLOSIVE MATERIAL (E921,E923)	7	3			3		1
FIREARMS (E922)	19	12				6	1
HOT SUBSTANCE, CORROSIVE LIQUID AND STEAM (E924)	1	1					
ELECTRICITY (E925)	19	3		2	10	4	
OTHER AND UNSPECIFIED NON-TRANSPORT ACCIDENTS (E926-E949)	35	4				6	25

* SEE APPENDIX B, TECHNICAL NOTES: OCCURRENCE DATA

TABLE 16

DEATHS WITH RATES* BY EXTERNAL CAUSES BY PLACE OF OCCURRENCE, WASHINGTON STATE 1984

COUNTY AND CITY	ALL ACCIDENTS		MOTOR VEHICLE		FALLS		DROWNINGS		FIRES		ALL OTHER ACCIDENTS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
STATE TOTAL	1,654	38.2	826	19.1	231	5.3	115	2.7	78	1.8	404	9.3
ADAMS	5	36.5	3	21.9	1	7.3					1	7.3
ASOTIN	1	5.9									1	5.9
BENTON	36	33.4	18	16.7	3	2.8	4	3.7	5	4.6	6	5.6
KENNEWICK	12	32.2	5	13.4			2	5.4	3	8.1	2	5.4
RICHLAND	15	47.4	8	25.3	2	6.3	2	6.3	1	3.2	2	6.3
CHELAN	42	88.4	26	54.7	6	12.6	4	8.4			6	12.6
WENATCHEE	29	167.3	20	115.4	4	23.1					5	28.9
CLALLAM	25	47.3	11	20.8	1	1.9	5	9.5	1	1.9	7	13.2
PORT ANGELES	11	61.9	4	23.2	1	5.8	1	5.8	1	5.8	4	23.2
CLARK	67	33.2	37	18.3	11	5.5	4	2.0			15	7.4
VANCOUVER	52	121.4	30	70.0	9	21.0	2	4.7			11	25.7
COLUMBIA	7	170.7	2	48.8							5	122.0
COWLITZ	29	36.3	17	21.3	1	3.8	1	1.3			8	10.0
KELSO	3	27.7	2	18.5			1	9.2				
LONGVIEW	19	65.7	11	38.9	3	10.1					5	16.8
DOUGLAS	11	48.7	9	39.8			1	4.4			1	4.4
FERRY	5	82.0	4	65.6							1	16.4
FRANKLIN	19	52.3	12	33.1	1	2.8	1	2.8			5	13.8
PASCO	16	84.5	10	52.8	1	5.3	1	5.3			4	21.1
GARFIELD												
GRANT	26	52.5	12	24.2	2	4.0	4	8.1	1	2.0	7	14.1
MOSES LAKE	5	48.3	3	29.0					1	9.7	1	9.7
GRAYS HARBOR	31	47.6	20	30.7	3	4.6	1	1.5	1	1.5	6	9.2
ABERDEEN	17	80.5	9	51.7	1	5.7	1	5.7			3	17.2
ISLAND	13	27.2	6	12.6	1	2.1	3	6.3	1	2.1	2	4.2
OAK HARBOR	2	16.4	1	8.2					1	8.2		
JEFFERSON	8	47.1	6	35.3			1	5.9			1	5.9
KING	450	33.9	178	13.4	91	6.9	25	1.9	22	1.7	134	10.1
AUBURN	5	17.1	4	13.7							1	3.4
BELLEVUE	18	22.9	7	8.9	5	6.4	2	2.5			4	5.1
DES MOINES	2	15.3			2	15.3						
KENT	15	57.1	10	38.1					1	3.8	4	15.2
KIRKLAND	17	91.1	7	37.5	6	32.1	1	5.4			3	16.1
MERCER ISLAND	5	23.9	3	14.3	1	4.8					1	4.8
REDMOND	6	21.9	1	3.7	3	11.0	2	7.3				
RENTON	23	69.0	13	39.0	6	18.0					4	12.0
SEATTLE	319	65.1	109	22.2	63	12.8	16	3.3	21	4.3	110	22.4
KITSAP	42	25.8	20	12.3	3	1.8	4	2.5	1	.6	14	8.6
BREMERTON	18	53.0	9	26.5	1	2.9	1	2.9	1	2.9	6	17.7
KITTITAS	18	72.0	11	44.0	2	8.0	2	8.0			3	12.0
ELLENSBURG	10	86.1	5	43.1	1	8.6	1	8.6			3	25.9
KLICKITAT	11	66.7	7	42.4			4	24.2				
LEWIS	39	58.9	27	47.7			2	3.5	3	5.3	7	12.4
CENTRALIA	7	59.5	6	51.0					1	8.5		
LINCOLN	7	71.4	4	40.8	2	20.4					1	10.2
MASON	16	46.0	7	20.1	1	2.9	1	2.9	1	2.9	6	17.2
OKANOGAN	30	94.0	13	40.8	2	6.3	2	6.3	4	12.5	9	28.2
PACIFIC	11	73.4	5	33.9	1	5.6	2	11.3	2	11.3	2	11.3
PEND OREILLE	6	65.9	1	11.0			1	11.0			4	44.0
PIERCE	172	33.4	82	15.9	19	3.7	12	2.3	20	3.9	39	7.6
PUYALLUP	20	107.5	11	59.1	4	21.5	1	5.4			4	21.5
TACOMA	115	72.8	51	32.3	15	9.4	10	6.3	14	8.8	26	16.3
SAN JUAN	1	11.7					2	22.5	1	11.2		
SKAGIT	36	53.9	22	32.9	1	1.5	4	6.0	2	3.0	7	10.5
MOUNT VERNON	9	65.5	7	51.0	1	7.3					1	7.3
SKAMANIA	9	113.9	5	63.3							4	50.6
SNOHOMISH	118	32.2	69	18.8	15	4.1	10	2.7	1	.3	23	6.3
EDMONDS	11	39.5	6	21.5	3	10.8					2	7.2
EVERETT	51	90.0	32	56.5	6	10.6	5	8.8	1	1.8	7	12.4
LYNNWOOD	1	4.3									1	4.3
MOUNTLAKE TERRACE	1	6.2									1	6.2
SPOKANE	137	39.2	68	19.5	26	7.4	7	2.0	4	1.1	32	9.2
SPOKANE (CITY)	127	76.1	61	35.6	26	15.2	7	4.1	4	2.3	29	16.9
STEVENS	17	56.5	9	29.9	1	3.3	2	6.6	2	6.6	3	10.0
THURSTON	40	29.4	23	16.9	7	5.1			1	.7	9	6.6
LACEY	3	20.7	2	13.8	1	6.9						
OLYMPIA	29	100.7	15	52.1	6	20.8					8	27.8
WAHKIAKUM	2	52.6	2	52.6								
WALLA WALLA	25	51.5	12	24.7	8	16.5					5	10.3
WALLA WALLA (CITY)	24	93.6	11	42.9	8	31.2					5	19.5
WHATCOM	46	40.5	24	21.1	6	5.3	2	1.8	2	1.8	12	10.6
BELLINGHAM	24	52.2	10	21.7	5	10.9	1	2.2			8	17.4
WHITMAN	9	22.7	5	12.6	2	5.0					2	5.0
PULLMAN	5	22.0	2	8.8	2	8.8					1	4.4
YAKIMA	83	46.1	48	26.7	12	6.7	4	2.2	3	1.7	16	8.9
YAKIMA (CITY)	46	93.2	28	56.7	9	18.2	2	4.1	1	2.0	6	12.2

*RATES PER 100,000 ESTIMATED POPULATION.

TABLE 17

DEATHS WITH RATES* BY EXTERNAL CAUSES BY PLACE OF OCCURRENCE, WASHINGTON STATE 1984

COUNTY AND CITY	SUICIDE NUMBER	SUICIDE RATE	HOMICIDE NUMBER	HOMICIDE RATE	UNDETERMINED EXTERNAL INJURIES NUMBER	UNDETERMINED EXTERNAL INJURIES RATE
STATE TOTAL	577	13.3	293	6.7	67	1.5
ADAMS						
ASOTIN	2	11.8				
BENTON	19	17.6	4	3.7		
KENNEWICK	6	16.1	1	2.7		
RICHLAND	11	34.7	2	6.3		
CHELAN	3	6.1			1	2.1
WENATCHEE	2	11.5			1	5.8
CLALLAM	3	5.7	3	5.7		
PORT ANGELES	3	17.6	2	11.6		
CLARK	24	11.9	9	4.5	3	1.5
VANCOUVER	13	35.9	6	16.9	1	2.8
COLUMBIA			1	24.4		
COWLITZ	16	20.0	2	2.5	1	1.3
KELSO	5	46.1				
LONGVIEW	6	29.1	1	5.6	1	5.6
DOUGLAS	3	13.1	2	8.8		
FERRY			1	16.4		
FRANKLIN	4	11.0	1	2.8		
PASCO	4	21.4	1	5.3		
GARFIELD	1	40.9				
GRANT	1	2.0	1	2.0		
MOSES LAKE						
GRAYS HARBOR	11	16.9	1	1.5	3	4.6
ABERDEEN	5	28.7				
ISLAND	2	14.6			1	7.3
OAK HARBOR	2	16.4				
JEFFERSON	5	19.4				
KING	171	12.9	76	5.7	26	2.0
AUBURN	9	30.9	3	10.3	1	3.4
BELLEVUE	7	8.9	3	3.8	1	1.3
DES MOINES	2	15.3				
KENT	6	22.9	1	3.8	1	3.8
KIRKLAND	5	26.8	1	5.4		
MERCER ISLAND	2	9.6				
REDMOND	3	11.9				
RENTON	7	21.0	4	12.0	1	3.0
SEATTLE	105	20.4	60	12.2	19	3.9
KITSAP	12	7.4	1	.6	3	1.8
BREMERTON	8	23.6	1	2.9	3	8.8
KITTITAS	3	12.0	1	4.0		
ELLENSBURG	3	25.9	1	8.6		
KLICKITAT			1	6.1		
LEWIS	6	10.6	3	5.3		
CENTRALIA	3	25.5				
LINCOLN	1	10.2				
MASON	4	11.5	5	14.4	1	2.9
OKANOGAN	9	28.2	5	15.7		
PACIFIC	5	28.2				
PEND OREILLE	1	22.0	1	22.0		
PIERCE	69	13.6	42	8.2	16	3.1
PUYALLUP	5	16.9			2	10.9
TACOMA	49	30.7	25	22.0	13	8.2
SAN JUAN						
SKAGIT	9	13.1	3	4.3	3	4.3
MOUNT VERNON	1	7.3	1	7.3		
SKAMANIA	2	25.3				
SNOHOMISH	38	10.4	9	2.5	3	.8
EDMONDS	5	17.9	1	3.6		
EVERETT	14	29.7	3	6.3	2	4.3
LYNNWOOD	2	8.5				
MOUNTLAKE TERRACE	1	8.2				
SPOKANE	64	19.3	16	4.8	3	.9
SPOKANE (CITY)	51	35.6	15	10.5	3	2.1
STEVENS	1	10.0				
THURSTON	17	12.5	4	2.9	1	.7
LACEY	1	6.9	2	13.8		
OLYMPIA	11	38.2	1	3.5	1	3.5
WAHKIAKUM	1	26.3				
WALLA WALLA	8	16.5	2	4.1	1	2.1
WALLA WALLA (CITY)	8	31.2	2	7.8	1	3.9
WHATCOM	17	15.0				
BELLINGHAM	11	28.3				
WHITMAN	4	10.1				
PULLMAN	2	8.8				
YAKIMA	29	16.1	10	5.6	1	.6
YAKIMA (CITY)	16	32.5	5	10.1		

*RATES PER 100,000 ESTIMATED POPULATION.

TABLE 18

DEATHS BY TYPE OF PLACE BY PLACE OF OCCURRENCE, WASHINGTON STATE 1984

COUNTY AND CITY	TOTAL	GENERAL HOSPITAL	NURSING HOME	HOME	FEDERAL FACILITY	PSYCHIATRIC HOSPITAL	STATE FACILITY	DEAD ON ARRIVAL	OTHER AND NOT SPECIFIED
STATE TOTAL	34,001	15,957	8,445	6,937	1,137	36	2	68	1,661
ADAMS	83	29	36	12					6
ASOTIN	127	60	58	28					1
BENTON	587	336	115	116					22
KENNEWICK	221	107	46	57					11
RICHLAND	280	193	67	36					4
CHELAN	635	361	166	85				1	22
WENATCHEE	489	314	113	54				1	7
CLALLAM	491	196	172	95				2	26
PORT ANGELES	313	180	81	42				1	9
CLARK	1,389	531	379	295	124			1	59
VANCOUVER	1,160	531	263	208	124			1	33
COLUMBIA	48	17	8	13					10
COWLITZ	661	329	187	110					35
KELSO	38	1		33					4
LONGVIEW	572	328	171	51					22
DOUGLAS	81		39	23				1	18
FERRY	36	21	3	10				1	5
FRANKLIN	180	83	29	47					21
PASCO	166	83	29	39					17
GARFIELD	30	21	5	2					2
GRANT	300	144	61	71					24
MOSES LAKE	146	80	40	24					2
GRAYS HARBOR	558	269	164	109				1	31
ABERDEEN	350	213	93	36					8
ISLAND	239	75	45	91	3				25
OAK HARBOR	58	1	18	31	3				5
JEFFERSON	134	56	38	32					8
KING	10,769	5,371	2,400	2,325	266	3	1	2	401
AUBURN	283	150	63	72					18
BELLEVUE	517	269	99	138					12
DES MOINES	154	1	136	17					
KENT	116		6	85					27
KIRKLAND	365	182	124	69		3			7
MERCER ISLAND	88		60	21					7
REDMOND	256	155	61	32					8
RENTON	526	295	107	102					22
SEATTLE	7,710	4,268	1,662	1,696	266		1	1	216
KITSAP	1,053	384	303	262	66			8	70
BREMERTON	718	380	153	123	45			7	10
KITTITAS	212	65	79	46				1	21
ELLENSBURG	156	65	57	27				1	6
KLICKITAT	99	52	19	14				1	13
LEWIS	492	247	122	81				4	38
CENTRALIA	256	126	96	30					4
LINCOLN	74	33	21	17					3
MASON	205	94	36	59				5	11
OKANOGAN	290	122	73	72					23
PACIFIC	191	98	57	26				1	9
PEND OREILLE	60	31	21	22					6
PIERCE	4,026	1,815	909	730	414	23		5	131
PUYALLUP	596	269	218	93	1				15
TACOMA	1,574	1,539	625	473	358	7		3	71
SAN JUAN	49		21	22					5
SKAGIT	724	367	170	156				1	42
MOUNT VERNON	296	163	74	46				1	10
SKAMANIA	73			55				2	11
SNOHOMISH	2,206	988	585	548				3	82
EDMONDS	409	262	74	67				1	5
EVERETT	1,015	606	225	166				1	17
LYNNWOOD	102	1	40	55					6
MOUNTLAKE TERRACE	29			28					1
SPOKANE	3,581	1,884	840	562	210	8	1		96
SPOKANE (CITY)	1,389	1,066	761	480	200		1		81
STEVENS	195	81	48	42				1	18
THURSTON	1,012	470	287	219				5	31
LACEY	152	1	116	31					4
OLYMPIA	742	469	125	132				5	10
WAHKIAKUM	28		13	13					2
WALLA WALLA	432	256	196	71	74			1	14
WALLA WALLA (CITY)	569	256	150	59	74			1	9
WHATCOM	860	287	316	211					46
BELLINGHAM	661	265	248	135					13
WHITMAN	161	57	40	38				1	5
PULLMAN	52	29	13	9					1
YAKIMA	1,512	809	389	286					48
YAKIMA (CITY)	1,074	662	269	148					15

TABLE 19

OCCURRENCE DEATHS BY MONTH BY SELECTED CAUSES, WASHINGTON STATE 1984

CAUSE OF DEATH AND INTERNATIONAL LIST NUMBER	TOTAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TOTAL ALL CAUSES	34,001	2,926	2,909	3,161	2,867	2,833	2,660	2,756	2,787	2,567	2,825	2,699	3,011
INFECTIOUS AND PARASITIC DISEASES (001-139)	247	25	19	19	17	21	21	18	22	25	22	20	18
PNEUMONIA (480-487)	982	106	93	131	91	75	65	52	60	62	80	65	102
INFLUENZA (487)	62	3	18	23	7	1			1	1	2	4	2
BRONCHITIS (490-491)	54	3	7	6	1	4	5	1	4	6	4	4	9
EMPHYSEMA (492)	281	20	28	28	27	19	20	19	27	22	27	20	24
ASTHMA (493)	79	5	11	5	9	6	2	6	4	9	10	8	4
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASES (494-496)	1,079	97	99	119	92	90	84	86	79	71	85	76	101
MALFORMATIONS (740-759)	224	24	19	18	15	21	24	18	24	18	18	16	9
CERTAIN CAUSES OF MORTALITY IN EARLY INFANCY (760-799)	272	18	24	18	35	21	22	24	21	24	27	20	18
MOTORCYCLE ACCIDENTS (E810-E825)	79		2	11	5	9	7	14	11	7	4	4	5
OTHER MOTOR VEHICLE ACCIDENTS (E810-E825)	741	53	41	50	48	62	76	81	72	58	78	71	51
DROWNINGS RESULTING FROM BOATING ACCIDENT (E830-E832)	31	2	1	3		2	3	5	4	5	1		5
OTHER DROWNINGS (E910)	84	3	5	7	4	12	15	8	16	7	4	3	
FALLS (E880-E888)	227	20	18	14	21	19	14	26	24	10	20	21	20
FIRE (E890-E899)	78	6	17	3	9	4	6	2	4	5	2	11	9
OTHER ACCIDENTS (E800-E928)	246	20	20	11	20	20	19	28	25	23	29	13	18
SUICIDE (E950-E959)	577	55	55	57	39	44	37	54	50	34	48	62	42
HOMICIDE (E960-E969)	203	21	19	17	21	14	12	25	20	10	16	18	10

TABLE 20

INFANT MORTALITY BY RACE BY PLACE OF RESIDENCE, WASHINGTON STATE 1984

COUNTY AND CITY	TOTAL	WHITE	BLACK	MEXICAN/ CHICANO	INDIAN	JAPA- NESE	CHI- NESE	FILI- PINO	OTHER ASIAN	OTHER	UNKNOWN
STATE TOTAL	704	585	66	12	20			2	15		4
ADAMS	5	5									
ASOTIN	2	2									
BENTON	23	20		3							
KENNEWICK	12	11		1							
RICHLAND	4	4									
CHELAN	12	9		2	1						
WENATCHEE	7	5		1	1						
CLALLAM	11	10							1		
PORT ANGELES	5	4							1		
CLARK	25	25									
VANCOUVER	8	8									
COLUMBIA											
COWLITZ	15	14							1		
KELSO	8	8									
LONGVIEW	6	5							1		
DOUGLAS	3	3									
FERRY	3	1			2						
FRANKLIN	4	3	1								
PASCO	2	1	1								
GARFIELD	1	1									
GRANT	8	7			1						
MOSES LAKE	4	3			1						
GRAYS HARBOR	13	10	1		2						
ABERDEEN	3	3									
ISLAND	8	6	1	1							
OAK HARBOR	2	1	1								
JEFFERSON	2	2									
KING	197	149	32	1	1			2	8		2
AUBURN	11	9	1						1		
BELLEVUE	6	4	1						1		
KENT	5	4	1								
KIRKLAND	8	7									1
MERCER ISLAND	5	4									
REDMOND	5	5									
RENTON	6	3	2						1		
SEATTLE	81	66	26	1	2			2	6		
KITSAP	27	22	4		1						
BREMERTON	10	6	4								
KITTITAS	2	2									
KLICKITAT	1	1									
LEWIS	8	8									
CENTRALIA	6	6									
LINCOLN	1	1									
MASON	9	9									
OKANOGAN	4	1			3						
PACIFIC	1	1									
PEND OREILLE	3	3									
PIERCE	96	69	20		1				7		
PUYALLUP	2	2									
TACOMA	38	21	14		2				1		
SAN JUAN											
SKAGIT	10	10									
MOUNT VERNON	3	3									
SKAMANIA	1	1									
SNOHOMISH	71	71									
EDMONDS	3	3									
EVERETT	16	16									
LYNNWOOD	9	9									
MOUNTLAKE TERRACE	2	2									
SPOKANE	51	41	7		1				2		
SPOKANE (CITY)	34	25	6		1				2		
STEVENS	3	2			1						
THURSTON	24	22							1		1
LACEY	5	4									1
OLYMPIA	8	7							1		
WAHKIAKUM											
WALLA WALLA	11	10		1							
WALLA WALLA (CITY)	7	7									
WHATCOM	18	16			1						1
BELLINGHAM	5	5									
WHITMAN	3	3									
PULLMAN	1	1									
YAKIMA	31	26		4	1						
YAKIMA (CITY)	7	6		1							

TABLE 21

INFANT MORTALITY BY LEADING CAUSES, BY PLACE OF RESIDENCE, WASHINGTON STATE 1984

COUNTY AND CITY	TOTAL ALL CAUSES	BIRTH INJURIES	OTHER CAUSES OF MORTALITY IN EARLY INFANCY	CONGENITAL MALFORMATIONS	INFLUENZA AND PNEUMONIA	ALL ACCIDENTS	SUDDEN INFANT DEATH	ALL OTHER CAUSES
STATE TOTAL	704	101	162	149	8	10	192	82
ADAMS	5		2	1			1	1
ASOTIN	2						2	
BENTON	23	2	10	7			2	2
KENNEWICK	12	1	7	2			1	1
RICHLAND	4		1	1			1	1
CHELAN	12		1	2	1	4	4	
WENATCHEE	7			1	1	1	4	
CLALLAM	11	3	3	4			1	
PORT ANGELES	5	3	1	1				
CLARK	25	2	7	7	1	1	5	2
VANCOUVER	8	1	2	2	1		1	1
COLUMBIA								
COWLITZ	15		3	6			4	2
KELSO	8		2	4			2	
LONGVIEW	6		1	2			2	1
DOUGLAS	3		1	1				1
FERRY	3		1				2	
FRANKLIN	4		1			1	1	1
PASCO	2		1					1
GARFIELD	1		1					
GRANT	8	1	2	4				1
MOSES LAKE	4		2	2				
GRAYS HARBOR	13	3	1				7	2
ABERDEEN	3						1	2
ISLAND	8	1	2	1			3	2
OAK HARBOR	2							2
JEFFERSON	2			2				
KING	197	23	45	42	1		65	19
AUBURN	11	1	2	3			5	
BELLEVUE	6		2	3			1	
KENT	5			1			3	1
KIRKLAND	8	2	3	2			1	
MERCER ISLAND	4		3					1
REDMOND	5	1					3	1
RENTON	6		3	1			1	1
SEATTLE	81	12	15	17			30	7
KITSAP	27	1	10	5		1	6	4
BREMERTON	10		4	1			3	2
KITTITAS	2		1				1	
KLICKITAT	1						1	
LEWIS	8		2	1		1	4	
CENTRALIA	4		1				3	
LINCOLN	1			1				
MASON	9	2	1				4	2
OKANOGAN	6	2		1			1	
PACIFIC	1							1
PEND OREILLE	2	1						1
PIERCE	96	24	22	13	1		19	13
PUYALLUP	2	2						
TACOMA	18	7	10	5	1		8	6
SAN JUAN								
SKAGIT	10	2	5	1			2	
MOUNT VERNON	3		2				1	
SKAMANIA	1	1						
SNOHOMISH	71	11	7	19	1	1	24	8
EDMONDS	3	2		1				
EVERETT	16	2	1	3			5	5
LYNNWOOD	9	1	2	3			3	
MOUNTLAKE TERRACE	2	1					1	
SPOKANE	51	5	16	12			11	7
SPOKANE (CITY)	34	3	10	8			7	6
STEVENS	3		2				1	
THURSTON	24	3	5	7		1	6	6
LACEY	5		2				2	1
OLYMPIA	8	1		4		1		2
WAHKIAKUM								
WALLA WALLA	11	1	6	1			1	6
WALLA WALLA (CITY)	7	1	3				1	2
WHATCOM	18	2	2	4	1		6	5
BELLINGHAM	5			1	1			3
WHITMAN	3	1		1			1	
PULLMAN	1	1						
YAKIMA	31	8	5	7			9	2
YAKIMA (CITY)	7	3	2	1			1	

TABLE 22

INFANT MORTALITY BY AGE AND SEX BY CAUSE, WASHINGTON STATE 1984

CAUSE AND INTERNATIONAL LIST NUMBER	TOTAL		UNDER 1 DAY		1 DAY-UNDER 7 DAYS		7 DAYS-UNDER 28 DAYS		28 DAYS-UNDER 3 MO.		3 MO.-UNDER 6 MO.		6 MO.-UNDER 9 MO.		9 MO.-UNDER 12 MO.	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
TOTAL ALL CAUSES	420	284	124	73	46	46	55	29	98	55	60	49	25	22	12	10
ALL INFECTIVE AND PARASITIC DISEASES (000-139)	4								1		1		2			
MALIGNANT NEOPLASMS (140-208,230-234)		1												1		
MENINGITIS (320,322)	4	1					2				1				1	1
DISEASES OF THE CIRCULATORY SYSTEM (390-459)	5	6		1	2				2		1	1		2		2
PNEUMONIA AND INFLUENZA (480-487)	6	2						1	3	1	1		1		1	
OTHER DISEASES OF RESPIRATORY SYSTEM (510-519)	4	6								1		3	3	1	1	1
HERNIA AND INTESTINAL OBSTRUCTION (550-553,560)	3	1	2				1					1				
CONGENITAL ANOMALIES (740-759)	85	64	24	14	15	27	19	9	9	6	11	5	5	2	2	1
ANENCEPHALUS (740)	6	8	4	7	2			1								
SPINA BIFIDA AND MENINGOCELE (741)		1						1								
OTHER ANOMALIES OF THE CENTRAL NERVOUS SYSTEM (742)	5	5		1	1	3	1	1	3							
ANOMALIES OF THE HEART (745-746)	28	20	2	2	4	9	10	3	5	1	5	3	1	1	1	1
OTHER ANOMALIES OF CIRCULATORY SYSTEM (747)	6	6	2	1		2	1	2	1	1			1		1	
ANOMALIES OF THE RESPIRATORY SYSTEM (748)	14	5	6	1	2	3	2			1	2		2			
ANOMALIES OF THE DIGESTIVE SYSTEM (749-751)	2	2								1	1		1	1		
ANOMALIES OF THE GENITOURINARY SYSTEM (752-753)	3		1		1		1									
ANOMALIES OF THE MUSCULOSKELETAL SYSTEM (754-756)	9	4	4	2	3	2					2					
CHROMOSOMAL ANOMALIES (758)	3	8			1	5	2			1		2				
OTHER CONGENITAL ANOMALIES	9	5	5		1	3	2	1		1	1					
CERTAIN DISEASES OF EARLY INFANCY (760-779)	168	95	98	55	28	19	23	14	16	4		1		1	3	1
MATERNAL DISEASES AFFECTING CHILD (760)		2		1						1						
COMPLICATIONS OF PREGNANCY AFFECTING CHILD (761-762)	18	6	18	6												
BIRTH INJURIES (763,767-769)	61	40	27	13	19	16	8	8	7	1		1				1
OTHER DISEASES PECULIAR TO EARLY INFANCY	89	47	53	35	9	3	15	6	9	2				1	3	
SUDDEN INFANT DEATH SYNDROME (7980)	107	85					5	5	56	38	39	34	6	8	1	
ALL OTHER DISEASES (000-799)	28	15		2	1		4		9	3	5	2	7	5	2	3
ALL ACCIDENTS (E800-E949)	4	6		1			1		1	1	1	2		2	1	
MOTOR VEHICLE ACCIDENTS (E810-E825)	1	2		1						1					1	
ACCIDENTAL DROWNING AND SUBMERSION (E910)																
INHALATION OF FOOD OR OTHER OBJECT CAUSING OBSTRUCTION OR SUFFOCATION (E911-912)	1	3									1	2		1		
MECHANICAL SUFFOCATION IN BED OR CRADLE AND IN OTHER AND UNSPECIFIED CIRCUMSTANCES (E913)	1	1							1					1		
ALL OTHER ACCIDENTS	1						1									
HOMICIDE (E963-E968)	2	1							1	1			1			
INJURY UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED (E980-988)		1														1

TABLE 23

RESIDENCE, MATCHED INFANT DEATHS BY MOTHER'S AGE GROUP, WASHINGTON STATE 1984*

COUNTY AND CITY	TOTAL	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	AGE UNKNOWN
STATE TOTAL	703	2	110	223	189	113	34	5		27
ADAMS	5			2	3					
ASOTIN	2		1		1					
BENTON	23		3	9	6	5				
KENNEWICK	12		3	6	2	1				
RICHLAND	4			2	1	1				
CHELAN	11		2	4	2		1			2
WENATCHEE	7		1	3	1					2
CLALLAM	11		2	5	1	1	2			
PORT ANGELES	5		2			1	2			
CLARK	25		2	10	9	1	1			2
VANCOUVER	8		1	4	1					
COLUMBIA										
COWLITZ	15		3	5	2	4	1			
KELSO	8		2	3		2	1			
LONGVIEW	6		1	2	2	1				
DOUGLAS	3		2		1					
FERRY	3		1	1		1				
FRANKLIN	4			2	1					1
PASCO	2			1	1					
GARFIELD	1			1						
GRANT	8		2	5	1					
MOSES LAKE	4		2	1	1					
GRAYS HARBOR	13		3	5	4	1				
ABERDEEN	3		1	2						
ISLAND	8			3	4	1				
OAK HARBOR	2			1	1					
JEFFERSON	2			1	1					
KING	198		29	52	53	41	13	1		9
AUBURN	11		3	3	1					
BELLEVUE	6		1	1	1	3				
KENT	5		1		2					2
KIRKLAND	8		1	3	1	2				1
MERCER ISLAND	4				1	2	1			
REDMOND	5		1	1	2					1
RENTON	6		1	1		3				1
SEATTLE	81		8	22	24	20	5			2
KITSAP	27		3	14	6	3	1			
BREMERTON	10		2	5	2	1				
KITTITAS	2			1	1					
KLICKITAT	1		1							
LEWIS	8		3	4	1					
CENTRALIA	4		2	2						
LINCOLN	1			1						
MASON	9			8			1			
OKANOGAN	4		1	2		1				
PACIFIC	1		1							
PEND OREILLE	2		1			1				
PIERCE	94		17	26	25	14	5	1		6
PUYALLUP	2				2					
TACOMA	38		7	11	11	4	2	1		2
SAN JUAN										
SKAGIT	10		1	3	1	3	1			
MOUNT VERNON	3		1			2				
SKAMANIA	1					1				
SNOHOMISH	70		7	19	31	8	3	1		1
EDMONDS	3				2	1				
EVERETT	15			9	5	1				
LYNNWOOD	9		2	1	2	2	2			
MOUNTLAKE TERRACE	2				2					
SPOKANE	51		10	12	15	9	3			1
SPOKANE (CITY)	34		7	9	10	6	1			1
STEVENS	3		2					1		
THURSTON	24		3	9	6	3		1		2
LACEY	5		1		3			1		
OLYMPIA	8			4	1	1				1
WAHKIAKUM										
WALLA WALLA	11		2	4	4		1			
WALLA WALLA (CITY)	7		2	1	3		1			
WHATCOM	18		2	7	5	3				1
BELLINGHAM	5			3		2				
WHITMAN	3				1	2				
PULLMAN	1					1				
YAKIMA	31	2	6	8	5	3	2			1
YAKIMA (CITY)	7		2	1	1	2				1

*DEATHS ARE MATCHED WITH BIRTHS TO FIND MOTHER'S AGE.
RESIDENCE IS THE INFANT'S AT THE TIME OF DEATH.

TABLE 24

FETAL, PERINATAL, NEONATAL AND INFANT MORTALITY BY PLACE OF RESIDENCE, WASHINGTON STATE 1984

COUNTY AND CITY	FETAL DEATHS NUMBER	FETAL DEATHS RATE(1)	PERINATAL MORTALITY(2) NUMBER	PERINATAL MORTALITY(2) RATE(3)	NEONATAL MORTALITY NUMBER	NEONATAL MORTALITY RATE(4)	INFANT MORTALITY NUMBER	INFANT MORTALITY RATE(4)
STATE TOTAL	444	6.4	733	10.5	373	5.4	704	10.2
ADAMS			2	6.5	2	6.5	5	16.2
ASOTIN							2	7.6
BENTON	13	6.5	27	13.5	15	7.5	23	11.6
KENNEWICK	8	9.5	17	19.9	9	10.6	12	14.2
RICHLAND	3	5.8	5	9.7	2	3.9	4	7.8
CHELAN	7	8.3	7	8.3	3	3.6	12	14.3
WENATCHEE					1	2.9	7	20.4
CLALLAM	8	9.8	18	21.5	10	12.0	11	13.3
PORT ANGELES	3	10.1	6	21.8	5	16.9	5	16.9
CLARK	7	2.7	19	5.5	14	5.4	21	7.9
VANCOUVER	3	2.5	5	3.9	4	3.3	8	6.6
COLUMBIA	1	19.2	1	19.2				
COWLITZ	5	5.4	12	10.8	7	6.3	15	13.6
KELSO	2	19.0	5	29.7	5	29.0	8	45.9
LONGVIEW	2	9.1	5	9.1	3	6.1	5	12.3
DOUGLAS	3	11.1	5	13.7	2	5.5	3	8.3
FERRY	1	11.0	2	21.7	1	11.0	3	33.0
FRANKLIN	4	10.1	8	15.0			5	5.0
PASCO	4	11.5	5	11.1			2	3.8
GARFIELD			1	32.3	1	32.3	1	32.3
GRANT	2	2.1	6	6.4	4	4.4	8	8.5
MOSES LAKE	2	8.4	4	16.7	3	12.6	4	16.8
GRAYS HARBOR	5	5.7	9	8.5	1	2.9	13	12.3
ABERDEEN	3	10.6	3	10.5			3	10.6
ISLAND	6	6.8	9	10.2	4	4.6	8	9.1
OAK HARBOR	2	8.2	2	8.1			2	8.2
JEFFERSON	1	4.5	2	8.9	1	4.5	2	8.9
KING	123	6.5	193	10.1	100	5.3	197	10.4
AUBURN	5	9.6	8	14.9	8	15.5	11	20.6
BELLEVUE	8	9.5	13	15.3	5	5.9	6	7.1
KENT	8	17.3	9	19.1	1	2.2	5	10.8
KIRKLAND	4	13.9	9	30.9	6	20.9	8	27.9
MERCER ISLAND			2	12.8	3	19.6	4	25.8
REDMOND	2	7.8	4	15.3	1	3.8	3	11.0
RENTON	6	10.1	9	15.0	5	8.8	8	15.1
SEATTLE	69	7.3	97	11.4	39	5.8	81	12.1
KITSAP	25	9.2	36	13.1	15	5.5	27	9.9
BREMERTON	11	12.8	15	17.5	6	7.0	10	11.7
KITTITAS					1	3.9	2	8.0
KLICKITAT	1	7.9	2	7.8			1	3.9
LEWIS	4	8.9	11	12.2	3	3.4	8	8.9
CENTRALIA	3	12.0	4	15.8	1	4.0	4	16.0
LINCOLN	1	8.0	1	7.9			1	8.0
MASON	2	3.9	3	5.8	4	7.8	9	17.5
OKANOGAN	1	2.7	3	8.1	2	5.3	4	7.6
PACIFIC	2	8.5	2	8.4			1	4.2
PEND OREILLE	1	11.1	3	27.8	2	15.4	2	15.4
PIERCE	37	6.1	61	10.6	36	6.0	55	10.1
PUYALLUP	3	7.3	5	11.7	2	4.9	2	4.9
TACOMA	27	7.5	43	13.3	23	7.2	39	12.5
SAN JUAN	1	10.8	1	10.8				
SKAGIT	5	5.5	13	11.8	8	7.3	10	9.1
MOUNT VERNON	2	7.3	4	18.5	2	7.1	3	11.0
SKAMANIA			1	8.4	1	8.4	1	8.4
SNOHOMISH	46	7.1	71	11.5	37	5.9	71	11.3
EDMONDS	4	10.5	5	12.9	3	7.1	3	7.1
EVERETT	3	3.3	8	8.8	7	5.4	15	12.4
LYNNWOOD	4	12.9	9	28.8	3	10.1	9	28.4
MOUNTLAKE TERRACE	1	11.4	4	35.3	1	3.9	2	7.8
SPOKANE	36	5.4	65	11.5	31	5.5	51	9.1
SPOKANE (CITY)	17	5.7	36	12.0	20	6.7	34	11.4
STEVENS	4	8.2	4	8.1	1	2.0	3	6.1
THURSTON	14	6.8	25	12.1	13	6.3	25	11.7
LACEY	3	11.5	5	19.5	2	7.7	5	19.2
OLYMPIA	8	10.4	10	12.8	5	6.4	8	10.4
WAHKIAKUM								
WALLA WALLA	5	7.7	11	16.9	6	9.3	11	17.0
WALLA WALLA (CITY)	3	7.4	7	17.8	4	10.2	7	17.9
WHATCOM	11	6.8	15	9.8	5	3.3	18	11.9
BELLINGHAM	4	8.4	4	8.3			5	7.9
WHITMAN	2	2.5	5	6.5	3	4.0	3	4.0
PULLMAN			1	4.3	1	4.3	1	4.3
YAKIMA	22	6.8	33	11.5	17	5.3	31	9.9
YAKIMA (CITY)	6	6.1	10	10.3	4	4.2	7	7.2

(1) RATIO PER 1,000 LIVE BIRTHS
(2) FETAL DEATHS PLUS LIVEBORN INFANTS DYING AT 6 DAYS AND UNDER
(3) RATE PER 1,000 LIVE BIRTHS PLUS FETAL DEATHS
(4) RATE PER 1,000 LIVE BIRTHS

TABLE 25

FETAL, PERINATAL, NEONATAL AND INFANT MORTALITY BY PLACE OF OCCURRENCE, WASHINGTON STATE 1984

COUNTY AND CITY	FETAL DEATHS NUMBER	FETAL DEATHS RATE(1)	PERINATAL MORTALITY(2) NUMBER	PERINATAL MORTALITY(2) RATE(3)	NEONATAL MORTALITY NUMBER	NEONATAL MORTALITY RATE(4)	INFANT MORTALITY NUMBER	INFANT MORTALITY RATE(4)
STATE TOTAL	456	6.7	744	10.9	374	5.5	698	10.3
ADAMS	2	7.5	3	11.3	1	3.7	3	11.2
ASOTIN							1	333.3
BENTON	16	5.9	23	9.6	9	3.8	13	5.5
KENNEWICK	5	8.3	10	17.6	5	8.3	6	7.6
RICHLAND	9	7.0	13	10.0	4	3.1	7	5.4
CHELAN	12	9.8	13	10.5	2	1.6	9	7.1
WENATCHEE	10	9.3	11	10.2	1	.9	7	6.5
CLALLAM	2	8.3	2	8.3			1	3.8
PORT ANGELES	1	7.7	1	7.6				
CLARK	8	3.8	12	5.6	5	2.3	12	5.7
VANCOUVER	8	3.8	12	5.7	5	2.4	10	4.8
COLUMBIA	1	25.6	1	25.6				
COWLITZ	5	4.1	10	8.2	6	5.0	12	8.9
LONGVIEW	5	4.2	10	8.3	6	5.0	12	10.0
DOUGLAS								
FERRY			1	20.4	1	21.4	1	21.2
FRANKLIN	5	9.9	5	9.8			1	4.0
PASCO	5	10.0	5	9.9			1	4.0
GARFIELD			1	62.5	1	62.5	1	62.5
GRANT	2	2.5	3	3.6	1	1.3	2	3.9
MOSES LAKE	2	3.3	2	3.3			2	3.3
GRAYS HARBOR	9	11.5	11	13.9	2	2.5	8	10.2
ABERDEEN	9	12.0	11	14.5	2	2.7	4	5.3
ISLAND	6	8.1	7	9.6	2	2.7	1	4.1
OAK HARBOR	4	8.1	5	10.1	2	4.1	1	4.1
JEFFERSON	1	5.9	1	5.9				
KING	138	6.6	230	12.0	159	7.7	284	13.8
AUBURN	1	1.8	2	3.5	3	5.3	9	15.4
BELLEVUE	15	7.1	18	8.6	3	1.4	4	1.9
KENT	2	10.0	3	17.6			6	300.0
KIRKLAND	5	9.5	6	5.6	2	1.9	4	3.8
MERCER ISLAND							1	1000.0
REDMOND	4	6.5	4	6.5			2	3.3
RENTON	14	7.1	17	8.6	3	1.5	5	3.1
SEATTLE	92	7.2	156	12.2	109	11.5	244	19.0
KITSAP	21	9.0	28	11.9	9	3.8	15	6.9
BREMERTON	21	9.2	28	12.3	9	4.0	13	6.6
KITTITAS							1	3.4
KLICKITAT	2	9.4	2	9.1			1	4.7
LEWIS	7	8.5	8	9.1	1	1.1	5	6.9
CENTRALIA	5	7.6	6	10.0	1	2.5	4	10.1
LINCOLN								
MASON	1	5.0	1	4.9	1	4.9	1	5.1
OKANOGAN	4	7.0	4	7.3			1	1.9
PACIFIC								
PEND OREILLE	1	9.3	2	18.5	1	9.3	1	9.3
PIERCE	70	6.8	129	12.2	74	7.2	118	11.4
PUYALLUP	5	7.1	5	5.9	2	2.8	4	5.7
TACOMA	43	7.5	117	15.9	68	9.1	103	13.1
SAN JUAN								
SKAGIT	9	6.6	15	10.8	5	3.6	8	5.8
MOUNT VERNON	7	8.3	11	12.7	4	4.7	5	5.8
SKAMANIA								
SNOHOMISH	30	4.3	58	7.7	9	1.3	29	4.1
EVERETT	13	8.2	19	8.7	2	1.3	5	3.4
EVERETT	13	6.8	17	8.0	4	2.0	13	6.7
LYNNWOOD							1	333.3
MOUNTLAKE TERRACE							1	250.0
SPOKANE	37	6.3	78	13.3	42	10.1	87	15.0
SPOKANE (CITY)	30	8.8	60	16.0	32	14.0	67	19.6
STEVENS	3	11.9	3	11.8			1	5.0
THURSTON	10	4.8	17	8.2	3	1.4	10	4.8
LACEY							1	250.0
OLYMPIA	10	6.8	13	8.2	3	2.0	3	2.0
WAHKIAKUM								
WALLA WALLA	10	10.5	11	11.8	2	2.0	5	5.3
WALLA WALLA (CITY)	10	10.5	11	11.6	2	2.0	4	4.2
WHATCOM	10	5.1	13	8.4	3	1.9	11	8.4
BELLINGHAM	10	6.6	13	8.5	3	2.0	8	5.3
WHITMAN	2	3.8	3	5.6	1	1.9	1	1.9
PULLMAN	1	2.5	2	5.1	1	2.5	1	2.5
YAKIMA	22	6.1	31	9.5	11	3.4	25	7.8
YAKIMA (CITY)	18	7.3	24	10.3	8	3.4	19	7.9

(1)RATIO PER 1,000 LIVE BIRTHS
(2)FETAL DEATHS PLUS LIVEBORN INFANTS DYING AT 0 DAYS AND UNDER
(3)RATE PER 1,000 LIVE BIRTHS PLUS FETAL DEATHS
(4)RATE PER 1,000 LIVE BIRTHS

TABLE 26

RESIDENCE FETAL MORTALITY BY SEX AND WEIGHT, WASHINGTON STATE 1984

GRAM WEIGHT	TOTAL	MALE	FEMALE	SEX UNKNOWN
STATE TOTAL	444	216	224	4
1,000 GRAMS OR LESS	224	107	113	4
1,001 - 1,500	40	20	20	
1,501 - 2,000	33	18	15	
2,001 - 2,500	37	20	17	
2,501 - 3,000	35	16	19	
3,001 - 3,500	34	15	19	
3,501 - 4,000	23	7	16	
4,001 - 4,500	11		4	
4,501 AND OVER	7	6	1	

TABLE 27

FETAL MORTALITY BY CAUSE, WASHINGTON STATE 1984

CAUSE WITH INTERNATIONAL LIST NUMBER		TOTALS
TOTAL ALL CAUSES		444
CONGENITAL ANOMALIES (740-759)		43
ANENCEPHALUS (740)	10	
SPINA BIFIDA (741)	3	
OTHER ANOMALIES OF THE CENTRAL NERVOUS SYSTEM (742)	5	
ANOMALIES OF THE HEART (745-746)	1	
OTHER ANOMALIES OF CIRCULATORY SYSTEM (747)	1	
ANOMALIES OF RESPIRATORY SYSTEM (748)	1	
ANOMALIES OF DIGESTIVE SYSTEM (749-751)	3	
ANOMALIES OF THE GENITOURINARY SYSTEM (752-753)	4	
ANOMALIES OF MUSCULOSKELETAL SYSTEM (754-756)	3	
CHROMOSOMAL ANOMALIES (758)	12	
OTHER AND UNSPECIFIED CONGENITAL ANOMALIES (743-744,757,759)		
CERTAIN CAUSES OF PERINATAL MORBIDITY AND MORTALITY (760-779)		397
MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PREGNANCY (760)		
CHRONIC HYPERTENSION (760.0)	10	
MATERNAL INFECTIONS (760.2)	1	
MATERNAL INJURY (760.5)	5	
OTHER MATERNAL CONDITIONS (760.1,760.3-760.4,760.6-760.9)	7	
MATERNAL CONDITIONS RELATED TO PREGNANCY (761)		
INCOMPETENT CERVIX (761.0)	7	
PREMATURE RUPTURE OF MEMBRANES (761.1)	15	
OTHER MATERNAL CONDITIONS (761.2-761.9)	2	
COMPLICATIONS OF PLACENTA, CORD, AND MEMBRANES (762)		
COMPLICATIONS OF PLACENTA (762.0-762.3)	93	
COMPLICATIONS OF CORD (762.4-762.6)	80	
COMPLICATIONS OF MEMBRANES (762.7-762.9)	7	
COMPLICATIONS OF LABOR (763)	5	
OTHER COMPLICATIONS OF PREGNANCY AND CHILDBIRTH (764-767)	13	
INTRAUTERINE HYPOXIA (768)	21	
DISEASES OF THE FETUS AND ILL-DEFINED CAUSES (770-779)		
RESPIRATORY CONDITIONS (770)	1	
INFECTIONS SPECIFIC TO THE PERINATAL PERIOD (771)	4	
FETAL HEMORRHAGE (772)	1	
HAEMOLYTIC DISEASE AND OTHER PERINATAL JAUNDICE (773-774)	2	
ENDOCRINE AND METABOLIC DISTURBANCES (775)	4	
HAEMATOLOGICAL DISORDERS (776)		
DISORDERS OF DIGESTIVE SYSTEM (777)		
CONDITIONS INVOLVING THE INTEGUMENT AND TEMPERATURE REGULATION (778)	7	
OTHER CONDITIONS OF FETUS (779)	112	
ALL OTHER CAUSES (001-739,780-799)		4

MARRIAGES AND DISSOLUTIONS

TABLE 1

MARRIAGES BY COUNTY OF MARRIAGE BY BRIDE AND GROOM AGE GROUP, WASHINGTON STATE 1984

COUNTY		TOTAL	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-99	OTHER & UNKNOWN
STATE TOTAL	BRIDE	45,080	8	5,969	15,021	9,515	5,803	3,632	2,060	1,081	671	388	344	266	169	98	31	6	18
	GROOM	45,080		1,923	13,410	11,056	6,932	4,301	2,432	1,613	1,047	700	508	398	270	172	72	23	23
ADAMS	BRIDE	125		27	45	18	10	11	5	3	1	1		1	2				
	GROOM	125		12	44	29	15	7	6	2	4	2	1	1		2			
ASOTIN	BRIDE	157		27	53	31	15	12	8	6		2	1	2	1	1			
	GROOM	157		4	56	37	14	14	6	3	3	3	2		4				
BENTON	BRIDE	1,116		204	379	220	116	66	66	25	20	9	2	2	4	3			
	GROOM	1,116		62	363	253	166	88	73	39	30	15	9	6	9	3			
CHELAN	BRIDE	677		106	212	147	80	55	33	14	8	9	4	5	2	2			
	GROOM	677		41	220	156	97	55	42	21	15	10	5	7	3	2	3		
CLALLAM	BRIDE	525		78	175	97	69	43	20	14	7	3	8	5	2	4			
	GROOM	525		27	140	124	91	52	28	22	9	7	8	4	5	6	2		
CLARK	BRIDE	3,778		487	1,084	734	529	354	232	125	73	58	42	32	19	3	6		
	GROOM	3,778		188	956	819	599	413	260	170	122	86	67	44	31	14	10	1	
COLUMBIA	BRIDE	37		6	10	7	8	3	2			1							
	GROOM	37			13	6	4	8	3	2	1								
COWLITZ	BRIDE	809		161	260	136	91	65	40	19	6	7	10	8	3		1		2
	GROOM	809		55	258	173	121	61	58	24	20	14	7	10	6		2		
DOUGLAS	BRIDE	191		44	67	26	18	11	9	6	2	3	1	4	2				
	GROOM	191		13	69	40	22	13	9	5	5	6	3	4	1	1			
FERRY	BRIDE	54		8	16	11	9	4	2	1	3								
	GROOM	54		3	9	13	15	4	6		3	1							
FRANKLIN	BRIDE	238		46	96	42	24	11	4	4	1	2		4	2	2			
	GROOM	238		10	90	59	31	15	13	7	5		1	2	1	3	1		
GARFIELD	BRIDE	28		4	16	2	1	2	1					1					1
	GROOM	28		4	14	2	3			1	3				1				
GRANT	BRIDE	441		95	156	78	36	28	18	10	5	6	4	2	1	1		1	
	GROOM	441		38	155	92	56	36	20	10	13	11	2	3	2	1	1	1	
GRAYS HARBOR	BRIDE	672		113	213	117	83	60	29	27	10	10	5	2	1		1	1	
	GROOM	672		31	206	143	106	50	45	37	16	10	11	10	4	2	1		
ISLAND	BRIDE	520		87	189	108	61	37	18	6	5	2	4		2				1
	GROOM	520		29	186	150	55	41	26	13	7	5	2	3	2				1
JEFFERSON	BRIDE	183		20	32	42	34	21	10	5	5	6	3	1	2	2			
	GROOM	183		6	34	35	35	31	8	8	7	6	6	4		2	1		
KING	BRIDE	13,705	1	1,139	6,497	3,382	2,043	1,155	591	335	206	117	87	73	46	24	5	1	3
	GROOM	13,705		321	3,496	3,805	2,412	1,417	826	484	332	197	161	108	72	48	13	8	7
KITSAP	BRIDE	1,715		298	535	375	209	135	74	35	23	6	9	9	2	3	1		1
	GROOM	1,715		93	559	424	248	159	96	44	31	18	8	12	10	4	3	1	1
KITTITAS	BRIDE	215	1	33	80	47	23	10	6	6	4	2		1	1	1			
	GROOM	215		5	69	59	39	15	10	4	8	1	2		2	1			
KLICKITAT	BRIDE	193		35	48	33	37	13	9	3	3	2	2	4	1	3			
	GROOM	193		7	59	35	29	19	9	13	8	2	3	1	1	6			1
LEWIS	BRIDE	548	1	104	180	94	60	43	27	16	7	6	6	1	3				1
	GROOM	548		44	180	98	77	54	31	19	10	13	11	3	5	2	1		
LINCOLN	BRIDE	71		6	31	16	6	2	3	6	1			2	1	1			
	GROOM	71		2	21	18	15	2	6	1		1		1	1	2	1		
MASON	BRIDE	308		52	95	50	42	28	14	7	5	2	6	2	1	2	1	1	
	GROOM	308		18	86	70	39	35	21	6	10	5	5	3	4	3		1	2
OKANOGAN	BRIDE	309		59	89	61	33	22	21	10	3	2	5	2	2				
	GROOM	309		14	101	55	52	30	21	13	3	6	6	4			3		1
PACIFIC	BRIDE	223		29	56	37	28	30	14	12	8	3	4	1			1		
	GROOM	223		12	54	47	40	19	14	9	7	10	7	3		1			
PEND OREILLE	BRIDE	78		16	26	9	8	2	5	5	2		4		1				
	GROOM	78		4	26	11	9	8	7	1	4	1	1	4		2			
PIERCE	BRIDE	5,774	3	935	2,131	1,152	627	392	222	119	74	36	31	25	13	8	3		3
	GROOM	5,774		313	2,108	1,355	769	477	267	162	115	71	42	44	28	10	8	1	4
SAN JUAN	BRIDE	164		4	22	35	46	24	16	6	2	7	1		1				
	GROOM	164			16	23	40	36	23	8	3	7	4	2	1		1		
SKAGIT	BRIDE	779		102	260	165	86	61	40	19	13	6	9	8	3	7	2		
	GROOM	779		30	236	204	85	76	47	31	16	20	8	10	10	1	4	1	
SKAMANIA	BRIDE	133		21	24	27	21	10	9	5	6	2	2	5	1				
	GROOM	133		6	24	31	21	12	15	6	5	4	5	3	3				
SNOHOMISH	BRIDE	3,293		437	1,065	668	419	307	158	86	51	23	23	16	26	8	2	1	3
	GROOM	3,293		128	919	826	479	342	217	145	73	53	33	28	18	19	6	3	4
SPOKANE	BRIDE	3,058		409	1,162	609	342	224	122	52	34	29	33	22	8	7	3		3
	GROOM	3,058		147	1,063	697	436	273	139	108	55	39	35	29	16	17	3	1	
STEVENS	BRIDE	210		40	70	29	22	23	13	6	3	1	2			1			
	GROOM	210		11	74	37	33	16	12	8	8	6	3	1		1			
THURSTON	BRIDE	1,305		219	424	242	176	113	47	27	27	6	9	8	4	2	3		
	GROOM	1,305		68	397	294	195	135	75	53	31	16	14	10	12		1	2	2
WAHKIAKUM	BRIDE	29		7	9	5	2	2	2		1				1				
	GROOM	29		2	7	8	5	3		1	2					1			
WALLA WALLA	BRIDE	505	2	71	168	88	63	45	24	15	13	1	6	1	2	2	2	1	1
	GROOM	505		28	154	121	67	55	28	15	11	5	6	5	3	4	1	2	
WHATCOM	BRIDE	1,049		132	367	229	131	89	66	21	14	5	7	6		2			
	GROOM	1,049		36	298	256	165	103	72	40	23	24	15	8	3	3	1		
WHITMAN	BRIDE	199		15	88	44	24	8	7	2	3	2	3		1	2			
	GROOM	199		3	71	56	29	11	10	6	2	5	1	1	3	1			
YAKIMA	BRIDE	1,666		294	611	302	175	112	72	29	22	11	11	11	8	7	1		
	GROOM	1,666		108	581	393	218	116	77	69	27	18	14	20	9	10	5	1	

TABLE 2

DISSOLUTIONS, ANNULMENTS, AND SEPARATE MAINTENANCE BY COUNTY OF DECREE, WASHINGTON STATE 1984

COUNTY OF DECREE	TOTAL	DISSOLUTION	ANNULMENT	SEPARATE MAINTENANCE	NOT STATED
STATE TOTAL	27,285	26,999	112	147	27
ADAMS	50	50			
ASOTIN	127	125	2		
BENTON	740	735	3	2	
CHELAN	451	446	1	4	
CLALLAM	325	325			
CLARK	1,436	1,416	10	6	4
COLUMBIA	20	20			
COWLITZ	573	569	4		
DOUGLAS	37	36	1		
FERRY	36	36			
FRANKLIN	269	268	1		
GARFIELD	9	9			
GRANT	289	287	1		1
GRAYS HARBOR	418	415		3	
ISLAND	338	333	1	4	
JEFFERSON	120	118	1	1	
KING	8,216	8,101	31	71	13
KITSAP	902	892	3	7	
KITTITAS	94	93	1		
KLICKITAT	105	103		2	
LEWIS	387	385	1	1	
LINCOLN	309	308	1		
MASON	147	146		1	
OKANOGAN	219	218			1
PACIFIC	113	112		1	
PEND OREILLE	30	30			
PIERCE	3,574	3,558	9	2	5
SAN JUAN	60	60			
SKAGIT	450	449	1		
SKAMANIA	52	51		1	
SNOHOMISH	2,154	2,138	9	7	
SPOKANE	2,086	2,060	15	8	3
STEVENS	180	178		2	
THURSTON	888	873	5	10	
WAHKIAKUM	29	28	1		
WALLA WALLA	273	268	3	2	
WHATCOM	629	620	4	5	
WHITMAN	110	108	1	1	
YAKIMA	1,040	1,032	2	6	

TABLE 3

DISSOLUTIONS BY TOTAL LIVING CHILDREN BY PLACE OF RESIDENCE, WASHINGTON STATE 1984*

COUNTY OF DECREE	TOTAL	NUMBER OF CHILDREN									
		0	1	2	3	4	5	6	7	EIGHT OR MORE	NOT STATED
STATE TOTAL	26,999	11,172	5,518	5,184	1,842	591	167	78	21	22	2,404
ADAMS	50	14	13	15	4	1	1				2
ASOTIN	125	57	22	30	10	3		1			2
BENTON	735	279	167	174	61	20	4	3			27
CHELAN	446	201	84	86	41	7	6	1			20
CLALLAM	325	134	73	70	28	7	1				12
CLARK	1,416	579	296	314	119	35	11	3	2		57
COLUMBIA	20	11	2	2	2	1					2
COWLITZ	569	230	127	123	53	10	1			1	24
DOUGLAS	36	15	4	11	1	1		1			3
FERRY	36	12	5	15	3						1
FRANKLIN	268	101	55	68	24	8	4	1		1	6
GARFIELD	9	2	1	3	1	1	1				
GRANT	287	105	75	64	18	8	5	1			11
GRAYS HARBOR	415	151	89	81	42	12	3	1			36
ISLAND	333	155	74	64	24	2	1	1			12
JEFFERSON	118	56	23	28	5	1			1		4
KING	8,101	3,376	1,433	1,316	433	149	38	27	7	11	1,311
KITSAP	892	381	199	183	59	20	3	2	1		45
KITTITAS	93	33	30	1[illegible]	7			1			3
KLICKITAT	103	43	27	16	8	4		1			4
LEWIS	385	143	92	84	38	5	4			1	18
LINCOLN	308	183	53	48	16	2					6
MASON	146	62	28	31	15	1	3	1			5
OKANOGAN	218	82	51	48	18	3		1	1		14
PACIFIC	112	43	30	22	11	2					4
PEND OREILLE	30	11	6	7	5						1
PIERCE	3,558	1,528	857	701	245	86	30	6	1	2	102
SAN JUAN	60	27	13	15	4	1					
SKAGIT	449	186	98	103	30	16	3	1	1		11
SKAMANIA	51	21	5	12	6	1	1				5
SNOHOMISH	2,138	801	367	347	125	49	5	2			442
SPOKANE	2,060	879	453	445	144	51	17	9	2	3	57
STEVENS	178	68	32	37	22	9		1		1	8
THURSTON	873	337	196	203	57	21	6	2			51
WAHKIAKUM	28	9	8	7	2		1				1
WALLA WALLA	268	114	60	55	17	7	4	1			10
WHATCOM	620	253	141	112	42	11	3	6			52
WHITMAN	108	53	17	2[illegible]	11		2				
YAKIMA	1,032	437	212	20[illegible]	91	36	9	4	5	2	35

*INCLUDES ALL LIVING CHILDREN REGARDLESS OF AGE

TABLE 4

DISSOLUTIONS BY COUNTY OF DIVORCE BY HUSBAND AND WIFE AGE GROUP, WASHINGTON STATE 1984

COUNTY		TOTAL	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-99	OTHER & UNK
STATE TOTAL	WIFE	26,999	1	378	4,050	5,550	4,840	3,880	2,452	1,297	598	398	259	127	68	31	11	4	3,255
	HUSBAND	26,999	1	49	2,311	4,922	4,896	4,281	3,089	1,889	1,051	647	410	232	105	47	32	10	3,022
ADAMS	WIFE	50		1	9	13	8	10	5	1	1	1							1
	HUSBAND	50		1	5	13	9	5	3	3	6	1		1					3
ASOTIN	WIFE	125		3	18	23	30	20	13	5	3	3			1				6
	HUSBAND	125			15	22	22	31	15	7	3	5		1	1		1		2
BENTON	WIFE	735		13	131	185	137	100	58	37	17	16	6	1	3	2	1		20
	HUSBAND	735		1	77	140	162	123	81	49	30	20	16	6	2	2			26
CHELAN	WIFE	446		11	75	88	79	57	47	26	17	7	6	4	1	1			27
	HUSBAND	446			35	90	96	65	45	33	30	10	2	7	5	1	1		24
CLALLAM	WIFE	325		4	69	63	68	51	32	19	11	6	3	2			1		18
	HUSBAND	325			37	44	72	53	47	25	13	11	3	1	2		1		14
CLARK	WIFE	1,416		21	214	299	253	232	151	81	25	20	13	8	6	3	1		89
	HUSBAND	1,416		1	117	261	267	253	200	104	55	33	25	15	7	4	2	2	70
COLUMBIA	WIFE	20			3	2	4	2	1			2	1	3					2
	HUSBAND	20			2	2	4	6			1	1	1	1	2	1			1
COWLITZ	WIFE	569		9	120	129	111	79	68	23	12	10	5	3	1				19
	HUSBAND	569			62	120	129	89	61	39	21	20	6	4	3	1			14
DOUGLAS	WIFE	36			1	5	9	3	4	3	2				1				8
	HUSBAND	36			2	4	4	5	8	1	2	2							8
FERRY	WIFE	36			3	2	12	7	2	1									9
	HUSBAND	36			1	5	9	10	3	2									6
FRANKLIN	WIFE	268		6	42	61	48	45	30	15	3	1		3	2				12
	HUSBAND	268		2	24	57	48	46	35	22	9	8	5	3		1			10
GARFIELD	WIFE	9			1	3	2	1		1			1						
	HUSBAND	9				2	2	2	1	1		1							
GRANT	WIFE	287		11	49	62	50	37	27	20	7	4	4	2	1				13
	HUSBAND	287		1	31	51	58	42	28	26	15	10	2	5	2	2			14
GRAYS HARBOR	WIFE	415		4	59	77	65	44	37	26	9	5	2	1					86
	HUSBAND	415		1	29	66	82	56	36	30	18	7	7	5	1				77
ISLAND	WIFE	333		12	86	64	55	43	24	15	4	3	2		1	1			23
	HUSBAND	333		2	65	80	59	42	28	15	15	5	5						17
JEFFERSON	WIFE	118		1	16	19	23	21	6	9	6	3	2	1	1	1			9
	HUSBAND	118			6	19	22	18	16	8	9	3	4	2			2		9
KING	WIFE	8,101	1	68	898	1,537	1,411	1,175	751	363	178	122	81	37	16	9	2	1	1,451
	HUSBAND	8,101		10	636	1,330	1,458	1,214	965	565	308	191	114	65	32	12	10	2	1,389
KITSAP	WIFE	892		17	163	198	180	125	80	39	18	8	3	3	2				54
	HUSBAND	892		2	108	203	165	145	107	64	22	14	8	5	2				47
KITTITAS	WIFE	93		1	16	16	27	8	8	2	9		3		1				2
	HUSBAND	93			10	20	19	14	9	9	6	3		2					1
KLICKITAT	WIFE	103		2	19	12	18	19	11	6	4	2				1	1		8
	HUSBAND	103			15	14	19	6	14	15	11		2	1	2			1	3
LEWIS	WIFE	385		5	62	70	55	34	37	20	7	6	7	5	2	1			74
	HUSBAND	385			39	58	62	52	33	27	13	17	9	6	2	1	1		65
LINCOLN	WIFE	308		5	53	58	56	50	36	15	8	7	3	2	1	1			13
	HUSBAND	308		1	36	53	61	49	29	34	10	13	5	5	2	1			9
MASON	WIFE	166			31	25	27	25	12	6	4	3	3	2					8
	HUSBAND	166			12	24	29	28	18	13	4	5	6	2	1				4
OKANOGAN	WIFE	218		9	39	42	48	32	18	8	4	3		2			1		12
	HUSBAND	218		2	24	40	39	36	24	9	4	5	5	1	2			1	26
PACIFIC	WIFE	112		1	22	25	19	14	10	3	3	2	1	2	3				5
	HUSBAND	112			17	27	16	17	13	6	4	4	2	3		2			3
PEND OREILLE	WIFE	30			7	2	4	7	3	1	2		1						3
	HUSBAND	30			1	5	4	7	3	3	2	1		2					2
PIERCE	WIFE	3,558		57	676	842	691	499	307	166	66	47	21	17	5	3	1		250
	HUSBAND	3,558		10	449	808	613	573	399	231	123	73	34	21	10	7	2		205
SAN JUAN	WIFE	60		1	4	8	17	12	10	3	1		1		1				2
	HUSBAND	60			4	8	11	16	11	7	1		1	1					
SKAGIT	WIFE	449		8	66	84	84	68	44	26	8	8	7		1	1			46
	HUSBAND	449			37	75	84	70	59	33	24	9	5	5	2	1			45
SKAMANIA	WIFE	51			6	7	6	10	7	2	3	3	2	1					4
	HUSBAND	51			4	6	6	11	5	5	4	1	4	3	2				
SNOHOMISH	WIFE	2,138		18	268	331	342	290	165	91	37	33	21	7	5	3		1	526
	HUSBAND	2,138	1	2	135	312	335	313	208	153	67	44	38	15	7	3	4	1	500
SPOKANE	WIFE	2,060		38	369	451	404	296	185	105	56	25	23	9	9	1	2		89
	HUSBAND	2,060		4	206	429	389	357	230	141	95	60	28	15	5	4	5		92
STEVENS	WIFE	178		2	27	33	35	30	10	9	5	6	1	2					18
	HUSBAND	178			19	24	35	31	18	10	10	1	11	4					15
THURSTON	WIFE	873		14	114	178	172	129	85	62	21	7	9	1					101
	HUSBAND	873		2	70	149	167	137	122	52	28	17	15	5	2	1			106
WAHKIAKUM	WIFE	28			4	4	5	3	4	4	1		1						2
	HUSBAND	28			2	1	4	6	5	5	3			1					1
WALLA WALLA	WIFE	268		7	47	51	51	31	19	17	4	6	5		2	1	1	2	24
	HUSBAND	268		4	30	53	38	38	27	19	12	4	13	7	1		2	2	18
WHATCOM	WIFE	620		7	80	102	103	81	47	26	14	9	8	4	2				137
	HUSBAND	620		1	37	101	91	106	50	40	24	22	9	3	2	2		1	131
WHITMAN	WIFE	108			12	20	30	19	15	4	3		1						4
	HUSBAND	108			6	20	23	26	13	6	5	2	3	1					3
YAKIMA	WIFE	1,032		20	171	179	191	161	103	59	27	22	10	5	2	2			80
	HUSBAND	1,032		2	106	196	185	197	120	77	44	24	22	13	6	1	1		58

APPENDIX

APPENDIX A

DEFINITIONS

GENERAL TERMS

BIRTH WEIGHT - Weight of fetus or infant at time of delivery (normally recorded in pounds and ounces).

FETAL DEATH - Death prior to the complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy. The death is indicated by the fact that after such expulsion or extraction the fetus does not breathe or show any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles. Reporting of fetal deaths to the State is required only when the gestational period is twenty weeks or greater.

GESTATIONAL PERIOD - Number of weeks elapsed between the first day of the last menstrual period and date of delivery.

INFANT DEATH - Death of a child under one year of age.

LIVE BIRTH - The complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy, which, after such expulsion or extraction, breathes, or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached.

LIVE BIRTH ORDER - Total number of live births to a given mother, including current birth.

MATERNAL DEATH - Death attributed to complications of pregnancy, childbirth, or the puerperium.

NEONATAL DEATH - Death of an infant within the first 27 days of life.

OCCURRENCE DATA - Data allocated by place where event occurred, regardless of the person's place of residence.

PERINATAL DEATH - fetal deaths plus deaths to infants within the first six days of life.

PREMATURE BIRTH - A live birth weighing 2,500 grams (5-1/2 pounds) or less. If birth weight is not stated, length of gestation (under 37 weeks) is used.

RESIDENCE DATA - Data allocated by place of residence of the decedent (deaths), or by place of residence of the child's mother (births, fetal deaths).

RATES AND RATIOS

Rates and ratios are calculated by dividing the event of concern by the population at risk or a related population and multiplying by a constant (i.e. 1,000, 10,000, or 100,000). See below.

AGE-SPECIFIC DEATH RATE - Number of deaths in a specific age group per 100,000 population in that age group.

CAUSE-SPECIFIC DEATH RATE - Number of deaths from a specific cause per 100,000 population.

(CRUDE) BIRTH RATE - Number of live births per 1,000 population.

(CRUDE) DEATH RATE - Number of deaths per 1,000 population.

FERTILITY RATE - Number of live births per 1,000 women, 15-44 years of age.

FETAL DEATH RATIO - Number of fetal deaths per 1,000 live births.

INFANT DEATH RATE - Number of infant deaths per 1,000 live births.

MATERNAL DEATH RATE - Number of maternal deaths per 10,000 live births.

NEONATAL DEATH RATE - Number of neonatal deaths per 1,000 live births.

PERINATAL DEATH RATE - Number of perinatal deaths per 1,000 live births plus fetal deaths.

APPENDIX B

TECHNICAL NOTES

RELIABILITY OF THE DATA

In analyzing any data, the possibility of errors in the data must not be overlooked. There are several types of possible errors, including under-registration, errors made by the informant, and errors in compilation and processing. The most potentially dangerous error, however, is probably that of improper interpretation.

Statistics are neither more true nor false than the interpretation given to them . It should be emphasized that most of the rates computed in this report are crude rates. For comparing geographic areas, crude rates are limited. They do not reflect differences in age, sex, race, and other population characteristics. In addition, it is important to recognize the possible distortion in these rates where the number of events or the population is small. Minor variations in the number of events may result in major changes in the rates. Special caution should also be exercised in analyzing trend data, because of changes throughout the years in medical diagnosis, coding definitions, and registration coverage.

COLLECTION YEAR

Data for the Vital Statistics summary are compiled from items on birth, death, marriage, and divorce certificates (see Appendix F for samples) received before April 15, 1985. Washington State is a member of the interstate exchange and receives birth and death certificates of residents who have died in other states. Out-of-State marriage and divorce certificates are not exchanged; therefore, only occurrence data are obtainable.

POPULATION

Population data in this report are an estimate of population provided by the Washington State Office of Financial Management, April 1, 1984.

CAUSE OF DEATH CLASSIFICATION

The causes of death presented herein are classified in accordance with the The International Classification of Diseases, Ninth Revision published by the World Health Organization. The State of Washington began using this revision January 1, 1979.

RACE

The determination of race on birth and death certificates follows decision rules established by the National Center for Health Statistics (NCHS).

If more than one race is listed and one is Hawaiian, Hawaiian is preferred. In cases of other non-white races, the first non-white race listed is preferred, except in instances where one of the races is Black. In this latter case Black is preferred.

To determine race of newborns on birth certificates, each parent's race is first established according to the previous rules. Rules to determine race of the child, then, fall along a similar pattern:

1. If either parent is Hawaiian, then the child's race is considered Hawaiian.
2. If neither parent is Hawaiian, and either parent is Black, then the child's race is determined to be Black.
3. In other cases where one parent is white and the other non-white, the non-white race is selected as the race of the child.
4. If both parents are non-white, the father's race is selected except where the mother's race is Hawaiian or Black.

RANKING OF LEADING CAUSES OF DEATH

In the interest of comparability, this summary uses the cause of death groups established by the National Center for Health Statistics (NCHS). Therefore, for 1984 data, Chronic Obstructive Pulmonary Disease (COPD), asthma, chronic bronchitis, and other allied conditions were combined to form the category, chronic obstructive pulmonary diseases, making it the fifth leading cause of death, statewide. See Table 1, page 53. Previously in Washington State, asthma, bronchitis (acute and chronic), and emphysema composed a single category and were ranked tenth.

ROUNDING

Rates are rounded to the nearest tenth. When the rate or percent is less than one-tenth, the entry is 0. Where whole numbers are used, a blank indicates none or zero.

OCCURRENCE DATA

Occurrence death data are limited in two ways. As the death certificate does not specify inside or outside of corporate limits for place of death, rural deaths may be incorrectly assigned to cities because the location of death was in close proximity to a city. Informants often are unaware of city boundaries. Further, death certificates indicating trauma report the location of death not the location where the injury occurred. Transportation of victims to hospitals may also incorrectly assign rural accidents to cities.

INFANT DEATH

Resident infant deaths are reported on several tables throughout the Summary. Table 23, "Residence, Matched Infant Deaths by Mother's Age Group, Washington State 1984", page 77, is compiled from a different computer file (a matched birth-infant death file) than the other resident infant death tables. Late corrections in this matched file resulted in differences in some totals between tables. These are the state total; county totals for Chelan, King, and Snohomish Counties; and the city total for Everett. The matched infant death table can be considered more correct.

APPENDIX C

CONVERSION OF BIRTHWEIGHT GROUPS IN GRAMS
TO POUNDS AND OUNCES

GRAMWEIGHT	POUNDS AND OUNCES
1,000 grams and under	2 lbs. 3 oz. and less
1,001 - 1,500	2 lbs. 4 oz. - 3 lbs. 4 oz.
1,501 - 2,000	3 lbs. 5 oz. - 4 lbs. 6 oz.
2,001 - 2,500	4 lbs. 7 oz. - 5 lbs. 8 oz.
2,501 - 3,000	5 lbs. 9 oz. - 6 lbs. 9 oz.
3,001 - 3,500	6 lbs. 10 oz. - 7 lbs. 11 oz.
3,501 - 4,000	7 lbs. 12 oz. - 8 lbs. 13 oz.
4,001 - 4,500	8 lbs. 14 oz. - 9 lbs. 14 oz.
4,501 grams and over	9 lbs. 15 oz. and over

One pound = 453.59 grams

APPENDIX D

POPULATION OF THE STATE OF WASHINGTON
BY AGE GROUP, BY SEX, APRIL 1, 1984

AGE GROUP	TOTAL	MALE	FEMALE
TOTAL	4,328,100	2,153,472	2,174,628
UNDER 1 YR	68,705	35,360	33,345
1 - 4	270,496	138,592	131,904
5 - 14	607,939	310,711	297,228
15 - 19	324,948	166,765	158,183
20 - 24	378,081	196,755	181,326
25 - 34	788,108	401,565	386,543
35 - 44	612,638	310,763	301,875
45 - 54	403,561	204,113	199,448
55 - 64	389,436	186,608	202,828
65 - 74	290,967	132,429	158,538
75 - 84	144,809	55,770	89,039
85 AND OVER	48,412	14,041	34,371

APPENDIX E

POPULATION, STATE OF WASHINGTON, COUNTIES AND CITIES OF 10,000 POPULATION AND OVER, APRIL 1, 1984

	CITY TOTAL	COUNTY TOTAL
ADAMS		13,700
ASOTIN		16,900
BENTON		107,700
KENNEWICK	37,240	
RICHLAND	31,660	
CHELAN		47,500
WENATCHEE	17,330	
CLALLAM		52,900
PORT ANGELES	17,220	
CLARK		201,700
VANCOUVER	42,850	
COLUMBIA		4,100
COWLITZ		79,900
KELSO	10,840	
LONGVIEW	29,820	
DOUGLAS		22,600
FERRY		6,100
FRANKLIN		36,300
PASCO	18,930	
GARFIELD		2,500
GRANT		49,500
MOSES LAKE	10,350	
GRAYS HARBOR		65,100
ABERDEEN	17,400	
ISLAND		47,800
OAK HARBOR	12,210	
JEFFERSON		17,000
KING		1,326,600
AUBURN	29,170	
BELLEVUE	78,620	
DES MOINES	13,100	
KENT	26,250	
KIRKLAND	18,670	
MERCER ISLAND	20,910	
REDMOND	27,340	
SEATTLE	490,300	
RENTON	33,340	
KITSAP		162,500
BREMERTON	33,970	
KITTITAS		25,000
ELLENSBURG	11,590	
KLICKITAT		16,500
LEWIS		56,600
CENTRALIA	11,770	
LINCOLN		9,800
MASON		34,800
OKANOGAN		31,900
PACIFIC		17,700
PEND OREILLE		9,100
PIERCE		514,600
PUYALLUP	18,600	
TACOMA	159,400	
SAN JUAN		8,900
SKAGIT		66,800
MOUNT VERNON	13,730	
SKAMANIA		7,900
SNOHOMISH		366,700
EDMONDS	27,880	
EVERETT	56,680	
LYNNWOOD	23,139	
MOUNTLAKE TERRACE	16,020	
SPOKANE		349,400
SPOKANE (CITY)	171,500	
STEVENS		30,100
THURSTON		136,200
LACEY	14,520	
OLYMPIA	28,790	
WAHKIAKUM		3,800
WALLA WALLA		48,500
WALLA WALLA (CITY)	25,640	
WHATCOM		113,700
BELLINGHAM	46,010	
WHITMAN		39,700
PULLMAN	22,770	
YAKIMA		180,000
YAKIMA (CITY)	49,340	
STATE TOTAL		4,328,100

TYPE OR PRINT IN PERMANENT BLACK INK

FOR INSTRUCTIONS SEE HANDBOOK

M T T T T T

STATE OF WASHINGTON DEPARTMENT OF SOCIAL AND HEALTH SERVICES
VITAL RECORDS

CERTIFICATE OF DEATH

146-8

OFFICE USE ONLY

LOCAL FILE NUMBER

STATE FILE NUMBER

IF DEATH OCCURRED IN INSTITUTION SEE HANDBOOK REGARDING COMPLETION OF RESIDENCE ITEM 5

DECEDENT

1 NAME FIRST MIDDLE LAST | 2 SEX | 3 DEATH DATE (MO DAY YR)

4 RACE (WHITE BLACK AM IND ETC (SPECIFY)) | 5 AGE LAST BIRTH DAY (YRS) | 6 UNDER 1 YEAR MOS DAYS | 7 UNDER 1 DAY HOURS MINS | 8 BIRTHDATE (MO DAY YR) | 9 COUNTY OF DEATH

10 CITY TOWN OR LOCATION OF DEATH | 11 PLACE OF DEATH ENTER BOX FOR PLACE THEN GIVE ADDRESS OR INSTITUTION NAME 0 ☐ HOME 2 ☐ INTRANSPORT 3 ☐ EMERG RM/OUT PTN 4 ☐ HOSP 5 ☐ NUR HOME 1 ☐ OTHER PLACE | 12 RECEIVED EMERGENCY CARE AMBULANCE FIRST? PHYSICIAN? YES/NO

13 BIRTH STATE (IF NOT IN USA GIVE COUNTRY) | 14 CITIZEN OF WHAT COUNTRY | 15 MARRIED NEVER MARRIED WIDOWED DIVORCED | 16 SPOUSE (IF WIFE GIVE MAIDEN NAME) | 17 WAS DECEDENT EVER IN U.S. ARMED FORCES? (YES/NO)

18 SOCIAL SECURITY NO | 19 USUAL OCCUPATION (GIVE KIND OF WORK DONE DURING MOST OF WORKING LIFE EVEN IF RETIRED) | 20 KIND OF BUSINESS OR INDUSTRY

21 RESIDENCE NUMBER AND STREET | 22 CITY/TOWN OR LOCATION | 23 INSIDE CITY LIMITS? (YES/NO) | 24 COUNTY | 25 STATE

PARENTS / INFORMANT

26 FATHER NAME FIRST MIDDLE LAST | 27 MOTHER MAIDEN NAME FIRST MIDDLE LAST

28 INFORMANT NAME | 29 MAILING ADDRESS STREET OR RFD NO CITY OR TOWN STATE ZIP

DISPOSITION

30 BURIAL CREMATION REMOVAL OTHER (SPECIFY) | 31 DATE (MO DAY YR) | 32 CEMETERY/CREMATORY NAME | 33 LOCATION CITY/TOWN STATE

34 FUNERAL DIRECTOR SIGNATURE
X

35 NAME OF FACILITY | 36 ADDRESS OF FACILITY

CERTIFIER

TO BE COMPLETED ONLY BY CERTIFYING PHYSICIAN

37 TO THE BEST OF MY KNOWLEDGE DEATH OCCURRED AT THE TIME DATE AND PLACE AND DUE TO THE CAUSE(S) STATED
SIGNATURE AND TITLE
X

38 DATE SIGNED (MO DAY YR) | 39 HOUR OF DEATH (24 HRS)

40 NAME AND TITLE OF ATTENDING PHYSICIAN IF OTHER THAN CERTIFIER (TYPE OR PRINT)

41 NAME AND ADDRESS OF CERTIFIER PHYSICIAN MEDICAL EXAMINER OR CORONER (TYPE OR PRINT)

TO BE COMPLETED ONLY BY MEDICAL EXAMINER OR CORONER

41 ON THE BASIS OF EXAMINATION AND/OR INVESTIGATION IN MY OPINION DEATH OCCURRED AT THE TIME DATE AND PLACE AND DUE TO THE CAUSE(S) STATED
SIGNATURE AND TITLE
X

42 DATE SIGNED (MO DAY YR) | 43 HOUR OF DEATH (24 HRS)

44 PRONOUNCED DEAD (MO DAY YR) | 45 HOUR PRONOUNCED DEAD (24 HRS)

CAUSE OF DEATH

CONDITIONS IF ANY WHICH GAVE RISE TO IMMEDIATE CAUSE STATING UNDERLYING CAUSE LAST

47 IMMEDIATE CAUSE (ENTER ONLY ONE CAUSE PER LINE FOR (A) (B) and (C)) | INTERVAL BETWEEN ONSET AND DEATH

(A)

DUE TO OR AS A CONSEQUENCE OF | INTERVAL BETWEEN ONSET AND DEATH

(B)

DUE TO OR AS A CONSEQUENCE OF | INTERVAL BETWEEN ONSET AND DEATH

(C)

48 OTHER SIGNIFICANT CONDITIONS CONDITIONS CONTRIBUTING TO DEATH BUT NOT RELATED TO CAUSE GIVEN ABOVE | 49 AUTOPSY? (YES/NO) | 50 WAS CASE REFERRED TO MEDICAL EXAMINER OR CORONER? (YES/NO)

51 ACC SUICIDE HOM UNDET OR PENDING INVEST (SPECIFY) | 52 INJURY DATE (MO DAY YR) | 53 HOUR OF INJURY (24 HRS) | 54 DESCRIBE HOW INJURY OCCURED

55 INJURY AT WORK? (YES NO) | 56 PLACE OF INJURY AT HOME FARM STREET FACTORY OFFICE BLDG ETC (SPECIFY) | 57 LOCATION STREET OR RFD NO CITY/TOWN STATE

58 REGISTRAR SIGNATURE
X

59 DATE RECEIVED (MO DAY YR)

FOR STATE REGISTRAR USE ONLY

60 ITEM | DOCUMENTARY EVIDENCE | REVIEWED BY | DATE | ITEM | DOCUMENTARY EVIDENCE | REVIEWED BY | DATE

DSHS 9-150 (REV 1 82)

SAMPLE

VITAL RECORDS USE ONLY

A DISTRICT

B COPIES

C HOSPITAL

D OCCURRENCE

E RESIDENCE

F

G

H TRACT

I

J

K

L

M

N

O F OCCUP

P M OCCUP

Q

R

S

T

U

V

W

X

Y

Z

AA QUERIES

BB

CC

171348 B c STATE OF WASHINGTON DEPARTMENT OF SOCIAL AND HEALTH SERVICES
VITAL RECORDS

146-8

CERTIFICATE OF LIVE BIRTH

LOCAL FILE NUMBER — STATE FILE NUMBER

1 CHILD'S NAME First Middle Last | 2 SEX | 3 DATE OF BIRTH Mo Day Yr | 4 HOUR

5 TYPE OF BIRTHPLACE (SPECIFY TYPE)
1 HOSPITAL 3 BIRTH CENTER 5 HOME
2 ENROUTE 4 OTH MED FACIL 6 OTHER

6 NAME OF FACILITY IF NOT A FACILITY ENTER NAME OF PLACE AND ADDRESS | 7 CITY/TOWN/LOCATION | 8 COUNTY OF BIRTH

9 I CERTIFY THAT THE STATED INFORMATION CONCERNING THIS CHILD IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF
X

10 DATE SIGNED Mo Day Yr | 11 NAME, TITLE OF ATTENDANT AT BIRTH IF OTHER THAN CERTIFIER (TYPE OR PRINT)

12 CERTIFIER — NAME AND TITLE (Type or print) | 13 MAILING ADDRESS (STREET/BOX NO CITY, STATE, ZIP CODE)

14 FATHER'S NAME First Middle Last | 15 AGE (AT TIME OF THIS BIRTH) | 16 STATE OF BIRTH (IF NOT USA GIVE COUNTRY)

17 MOTHER'S NAME First Middle MAIDEN | 18 AGE (AT TIME OF THIS BIRTH) | 19 STATE OF BIRTH (IF NOT USA GIVE COUNTRY)

20 RESIDENCE (NUMBER AND STREET) | 21 CITY/TOWN/LOCATION | 22 INSIDE CITY LIMITS (YES/NO) | 23 COUNTY | 24 STATE

25 MOTHER'S MAILING ADDRESS (IF SAME AS ABOVE ENTER ZIP CODE ONLY)

26 NAME OF INFORMANT (TYPE OR PRINT) | 27 RELATION TO CHILD

28 DATE RECEIVED BY LOCAL REGISTRAR | 29 REGISTRAR (SIGNATURE) | 30 DATE RECEIVED BY STATE REGISTRAR

31 RECORD AMENDMENT (STATE REGISTRAR USE ONLY)
ITEM DOCUMENTARY EVIDENCE REVIEWED BY DATE ITEM DOCUMENTARY EVIDENCE REVIEWED BY DATE

SAMPLE

TYPE OR PRINT LEGAL PORTION IN PERMANENT BLACK INK

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY — DETACHED FROM CERTIFICATE BEFORE PERMANENT FILING.

FATHER

32 RACE (White, Black, American Indian, etc.) (specify)

33 OCCUPATION (Indicate most recent employment) (Pressman, painter, computer programmer) (specify)

34 TYPE OF BUSINESS OR INDUSTRY (paper mill, hwy construction, nuclear) (specify)

MOTHER

35 RACE (White, Black, American Indian, etc.) (specify)

36 OCCUPATION (Indicate most recent employment) (fruit packer, mother, registered nurse) (specify)

37 TYPE OF BUSINESS OR INDUSTRY (apple orchard, retail sales, hospital) (specify)

38 IS MOTHER MARRIED? ☐ Yes ☐ No

39 PRIOR LIVE BIRTHS (DO NOT INCLUDE THIS BIRTH)
☐ NONE
NOW LIVING | NOW DEAD
37 WEEKS OR MORE (Full term) ____ | ____
LESS THAN 37 WEEKS (Premature) ____ | ____
DATE LAST LIVE BIRTH (Mo. Yr.) ____

40 OTHER PREGNANCY OUTCOMES (NOT LIVE BIRTHS)
☐ NONE
SPONTANEOUS | INDUCED (Any Gest Age)
37 WEEKS OR MORE ____ | ____
20-36 WEEKS ____ | ____
LESS THAN 20 WEEKS ____ | ____
DATE LAST OTHER PREGNANCY OUTCOME (Mo. Yr.) ____

41 TOTAL PRIOR PREGNANCIES

42 DATE LAST NORMAL MENSES BEGAN Mo Day Yr

43 MONTH OF PREGNANCY PRENATAL CARE BEGAN (1st, 2nd, 3rd, etc.)

44 TOTAL NUMBER OF PRENATAL VISITS (If none, enter 0)

45 AMNIOCENTESIS (Indicate Trimester) ☐ 1st ☐ 2nd ☐ 3rd ☐ Not done ☐ Unknown

46 DID MOTHER SMOKE AT ANY TIME DURING PREGNANCY? ☐ Yes ☐ No ☐ Unknown

47 THIS BIRTH (single, twin, etc.)

48 IF NOT SINGLE (Born 1st, 2nd, etc.)

49 BIRTH WEIGHT

50 APGAR SCORE 1 Min 5 Min

51 WAS BABY TRANSFERRED TO ANOTHER FACILITY? ☐ Yes ☐ No ☐ Unknown

CHECK ALL BOX(ES) IN EACH COLUMN THAT APPLY

52 COMPLICATIONS DURING OR RELATED TO PREGNANCY (MATERNAL)
☐ 0 None
☐ 1 Diabetes (gestational)
☐ 2 Diabetes (established)
☐ 3 Chronic hypertension
☐ 4 Pyelonephritis
☐ 5 Epilepsy
☐ 6 Preeclampsia
☐ 7 Eclampsia
☐ 8 Rh sensitization
☐ 9 Herpes Active___ Hx___
☐ 10 Syphilis
☐ 11 Rubella
☐ 12 Polyhydramnios
☐ 13 Other (specify)

53 COMPLICATIONS OF LABOR
☐ 0 None
☐ 1 Abruptio placenta
☐ 2 Placenta previa
☐ 3 Rupture of uterus
☐ 4 Cord prolapse
☐ 5 Membranes ruptured > 24hrs
☐ 6 Breech
☐ 7 Cephalopelvic disproportion
☐ 8 Prolonged labor
☐ 9 Augmented labor
☐ 10 Other (specify below)

54 METHOD OF DELIVERY
☐ 1 Spontaneous
☐ 2 Vacuum extraction
☐ 3 Outlet forceps
☐ 4 Induced labor
☐ 5 Primary C section
☐ 6 Repeat C section
☐ 7 Vaginal delivery after previous C section
☐ 8 Other (specify below)

55 CONDITIONS OF NEWBORN
☐ 0 None
☐ 1 Hyaline membrane/RDS
☐ 2 Sepsis (documented)
☐ 3 Seizures
☐ 4 Fetal distress/asphyxia
☐ 5 Erb's palsy
☐ 6 Other birth injuries (specify below)
☐ 7 Hemolytic disease
☐ 8 Fetal alcohol syndrome
☐ 9 Jaundice (bilirubin > 10)
☐ 10 Other (specify below)

56 CONGENITAL MALFORMATIONS OR ANOMALIES OF CHILD
☐ 0 None
☐ 1 Anencephalus
☐ 2 Spina bifida, meningocele
☐ 3 Hydrocephalus
☐ 4 Microcephalus
☐ 5 Patent ductus arteriosus
☐ 6 Other heart malformations (specify below)
☐ 7 Cleft lip
☐ 8 Cleft palate
☐ 9 Anal atresia/stenosis
☐ 10 T-E fistula/esophageal atresia
☐ 11 Hypospadias
☐ 12 Omphalocele
☐ 13 Polydactyly
☐ 14 Syndactyly
☐ 15 Adactyly
☐ 16 Other limb reduction
☐ 17 Congenital dislocation of hip
☐ 18 Club foot
☐ 19 Down's syndrome
☐ 20 Other malformations (specify below)

2502

STATE OF WASHINGTON DEPARTMENT OF SOCIAL AND HEALTH SERVICES
VITAL RECORDS

CERTIFICATE OF FETAL DEATH

146-8

LOCAL FILE NUMBER | STATE FILE NUMBER

VITAL RECORDS USE ONLY
A DISTRICT
B COPIES
C HOSPITAL
D OCCURRENCE
E RESIDENCE
F
G
H TRACT
I
J
K
L
M
N
O F OCCUP
P M OCCUP
Q
R
S
T
U
V
W
X
Y
Z
AA QUARTERS
BB
CC

TYPE OR PRINT ENTIRE FORM IN PERMANENT BLACK INK

FETUS

1 FETUS NAME—FIRST | MIDDLE | LAST | 2 SEX | 3 DATE OF DELIVERY (Mo Day Yr) | 4 HOUR

5 PLACE OF DELIVERY (specify type) — 1 Hospital, 2 Enroute, 3 Birth Center, 4 Oth Med Facil, 5 Home, 6 Other | 6 NAME OF FACILITY IF NOT A FACILITY ENTER NAME OF PLACE AND ADDRESS | 7 CITY TOWN LOCATION | 8 COUNTY OF DELIVERY

CAUSE FETAL DEATH

9 PART I (enter only one cause per line for (A), (B), AND (C).)
Fetal or Maternal condition directly causing fetal death
A IMMEDIATE CAUSE
B DUE TO, OR AS A CONSEQUENCE OF
Fetal and or Maternal conditions, if any, giving rise to the immediate cause (A) stating the underlying cause last
C DUE TO, OR AS A CONSEQUENCE OF

10 SPECIFY FETAL OR MATERNAL

11 PART II OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER. Conditions contributing to Fetal Death but not related to cause given in Part (A)

12 FETUS DIED — 1 Before Labor, 2 During Labor, 3 During Delivery, 4 Unknown

13 AUTOPSY — YES NO

CERTIFIER

14 I CERTIFY THAT THE STATED INFORMATION CONCERNING THIS FETUS IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF
X

15 DATE SIGNED (Mo Day Yr)

16 NAME, TITLE ATTENDANT AT DELIVERY IF OTHER THAN CERTIFIER (Type or Print)

17 CERTIFIER NAME AND TITLE (Type or Print)

18 MAILING ADDRESS (Street, Box Number, City, State, Zip)

PARENTS

19 FATHER'S NAME—FIRST | MIDDLE | LAST

20 AGE (at Time of This Delivery)

21 STATE OF BIRTH (If not U.S. give country)

22 MOTHER'S NAME—FIRST | MIDDLE | MAIDEN

23 AGE (at Time of this Delivery)

24 STATE OF BIRTH (If not U.S. give country)

25 RESIDENCE (Number and Street)

26 CITY/TOWN/LOCATION

27 INSIDE CITY LIMITS — YES NO

28 COUNTY

29 STATE

DISPOSITION

30 BURIAL, CREMATION, REMOVAL, OTHER (Specify)

31 DATE (Mo Day Yr)

32 CEMETERY/CREMATORY—NAME

33 LOCATION—CITY/TOWN, STATE

34 FUNERAL DIRECTOR SIGNATURE
X

35 NAME OF FACILITY

36 ADDRESS OF FACILITY

36A REGISTRAR SIGANTURE
X

36B DATE RECEIVED BY REGISTRAR (Mo-Day Yr)

SAMPLE

CONFIDENTIAL INFORMATION FOR MEDICAL AND RESEARCH USE ONLY

FATHER

37 RACE (White, Black, American Indian, etc.) (specify)

38 OCCUPATION (Indicate most recent employment) (fruit packer, cashier, registered nurse) (specify)

39 TYPE OF BUSINESS OR INDUSTRY (paper mill, hwy construction, nuclear) (specify)

40 EDUCATION—Highest Grade Completed (0-17+)

MOTHER

41 RACE (White, Black, American Indian, etc.) (specify)

42 OCCUPATION (Indicate most recent employment) (fruit packer, cashier, registered nurse) (specify)

43 TYPE OF BUSINESS OR INDUSTRY (apple orchard, retail sales, hospital) (specify)

44 EDUCATION—Highest Grade Completed (0-17+)

PREGNANCY HISTORY

45 PRIOR LIVE BIRTHS
NONE

	NOW LIVING	NOW DEAD
37 WEEKS OR MORE (Full term)		
LESS THAN 37 WEEKS (Premature)		
DATE LAST LIVE BIRTH (Mo Yr)		

46 OTHER PREGNANCY OUTCOMES (Not live births) (Do not include this Delivery)
NONE

	SPONTANEOUS	INDUCED (Any Gest Age)
37 WEEKS OR MORE		
20-36 WEEKS		
LESS THAN 20 WEEKS		
DATE LAST OTHER PREGNANCY OUTCOME (Mo Yr)		

47 IS MOTHER MARRIED? — Yes No

48 TOTAL PRIOR PREGNANCIES

49 DATE LAST NORMAL MENSES BEGAN (Mo Day Yr)

50 MONTH OF PREGNANCY PRENATAL CARE BEGAN (1st, 2nd, 3rd, etc.)

51 TOTAL NUMBER OF PRENATAL VISITS (If none, enter 0)

52 AMNIOCENTESIS (Indicate Trimester) — 1st 2nd 3rd Not done Unknown

53 DID MOTHER SMOKE AT ANY TIME DURING PREGNANCY? — Yes No Unknown

54 THIS FETUS (Single, Twin, etc., Specify)

55 IF NOT SINGLE (Delivered 1st, 2nd, etc.)

56 FETUS WEIGHT (Specify Unit)

57 WAS MOTHER TRANSFERRED TO ANOTHER FACILITY? — Yes No Unknown

COMPLICATIONS (check all boxes that apply)

58 COMPLICATIONS DURING OR RELATED TO PREGNANCY (Maternal)
0 None
1 Diabetes (gestational)
2 Diabetes (established)
3 Chronic Hypertension
4 Pyelonephritis
5 Epilepsy
6 Preeclampsia
7 Eclampsia
8 Rh Sensitization
9 Herpes active Yes
10 Syphilis
11 Rubella
12 Polyhydramnios
13 Other (specify Below)

59 COMPLICATIONS OF LABOR
0 None
1 Abruptio placenta
2 Placenta previa
3 Rupture of uterus
4 Cord prolapse
5 Membranes ruptured > 24hrs
6 Breech
7 Cephalopelvic disproportion
8 Prolonged labor
9 Augmented labor
10 Other (specify below)

60 METHOD OF DELIVERY
1 Spontaneous
2 Vacuum extraction
3 Outlet forceps
4 Induced labor
5 Primary C-section
6 Repeat C-section
7 Vaginal delivery after previous C-section
8 Other (specify below)

61 CONDITIONS OF FETUS
0 None
1 Fetal Hemorrhage
2 Placenta and Cord conditions (specify)
3 Hemolytic Disease
4 Fetal Hydrops
5 Shoulder Dystocia
6 Other (specify below)

62 CONGENITAL MALFORMATIONS OR ANOMALIES OF FETUS
0 None
1 Anencephalus
2 Spina bifida, meningocele
3 Hydrocephalus
4 Microcephalus
5 Heart malformations (specify below)
6 Cleft lip
7 Cleft palate
8 Anal atresia/stenosis
9 Downs Syndrome
10 Tracheo-esophageal fistula, esophageal atresia
11 Hypospadias
12 Omphalocele
13 Polydactyly
14 Syndactyly
15 Adactyly
16 Other limb reduction
17 Congenital dislocation of hip
18 Club foot
19 Other malformations (specify below)

DSHS 9-195 (Rev. 8-85) 1055

TYPE OR PRINT ENTIRE FORM IN PERMANENT BLACK INK

STATE OF WASHINGTON DEPARTMENT OF SOCIAL AND HEALTH SERVICES

VITAL RECORDS

CERTIFICATE OF MARRIAGE

146-8

COUNTY | DATE | STATE FILE NUMBER

OFFICIANT

I CERTIFY THE PERSONS NAMED BELOW WERE MARRIED ON • • • • • • • • | 1 DATE(MO DAY YR) | 2 COUNTY | 3 RELIGIOUS/CIVIL CEREMONY(SPECIFY) | 4 DATE SIGNED(MO DAY YR)

5 OFFICIANT Signature X | 6 OFFICIANT ADDRESS

GROOM

7 NAME FIRST MIDDLE LAST | 8 BIRTHDATE(MO DAY YR) | 9 BIRTHSTATE(IF NOT USA GIVE COUNTRY)

10 USUAL RESIDENCE(NUMBER AND STREET) | 11 CITY/TOWN/LOCATION | 12 INSIDE CITY LIMITS(YES/NO) | 13 COUNTY | 14 STATE

15 FATHER'S NAME | 16 BIRTHSTATE(IF NOT USA GIVE COUNTRY) | 17 MOTHER'S MAIDEN NAME | 18 BIRTHSTATE(IF NOT USA GIVE COUNTRY)

19 GROOM Signature X | 20 DATE SIGNED(MO DAY YR)

BRIDE

21 NAME FIRST MIDDLE LAST | 22 MAIDEN NAME(IF DIFFERENT) | 23 BIRTHDATE(MO DAY YR) | 24 BIRTHSTATE(IF NOT USA GIVE COUNTRY)

25 USUAL RESIDENCE(NUMBER AND STREET) | 26 CITY/TOWN/LOCATION | 27 INSIDE CITY LIMITS(YES/NO) | 28 COUNTY | 29 STATE

30 FATHER'S NAME | 31 BIRTHSTATE(IF NOT USA GIVE COUNTRY) | 32 MOTHER'S MAIDEN NAME | 33 BIRTHSTATE(IF NOT USA GIVE COUNTRY)

34 BRIDE Signature X | 35 DATE SIGNED(MO DAY YR)

36 WITNESS Signature X | 37 WITNESS Signature X

38 COUNTY AUDITOR Signature X | 39 DATE RECEIVED(MO DAY YR)

A 56608

DSHS 9 170(REV 1 80)

SAMPLE

TYPE OR PRINT ENTIRE FORM IN PERMANENT BLACK INK

STATE OF WASHINGTON DEPARTMENT OF SOCIAL AND HEALTH SERVICES

VITAL RECORDS

146-8

CERTIFICATE OF DISSOLUTION, DECLARATION OF INVALIDITY OF MARRIAGE OR LEGAL SEPARATION

COURT FILE NUMBER | STATE FILE NUMBER

DECREE

I CERTIFY THE MARRIAGE OF THE PERSONS NAMED BELOW WAS ORDERED AS A • • • • • • | 1 DISSOLUTION OF MARRIAGE ☐ DECLARATION OF INVALIDITY ☐ LEGAL SEPARATION ☐ | 2 DATE OF ENTRY (MO DAY YR) | 3 COUNTY OF DECREE

4 CLERK OF SUPERIOR COURT Signature X

TO BE COMPLETED BY PETITIONER'S ATTORNEY

HUSBAND

5 NAME FIRST MIDDLE LAST | 6 DATE OF BIRTH (MO DAY YR) | 7 BIRTHPLACE (State or Foreign Country)

8 USUAL RESIDENCE – STREET ADDRESS | 9 CITY, TOWN OR LOCATION | 10 INSIDE CITY LIMITS (Specify YES or NO) | 11 COUNTY | 12 STATE

WIFE

13 NAME FIRST MIDDLE LAST | 14 MAIDEN NAME (IF DIFFERENT THAN MARRIED NAME) | 15 DATE OF BIRTH (MO DAY YR) | 16 BIRTHPLACE (State or Foreign Country)

17 USUAL RESIDENCE – STREET ADDRESS | 18 CITY, TOWN OR LOCATION | 19 INSIDE CITY LIMITS (Specify YES or NO) | 20 COUNTY | 21 STATE

22 PLACE OF THIS MARRIAGE – COUNTY | 23 STATE (IF NOT USA GIVE COUNTRY) | 24 DATE OF THIS MARRIAGE (mo day yr) | 25 NUMBER CHILDREN BORN ALIVE OF THIS MARRIAGE (Specify)

26 PETITIONER (HUSBAND WIFE BOTH, OTHER SPECIFY) | 27 ATTORNEY FOR PETITIONER: NAME (Type or Print) | 28 ADDRESS – STREET CITY OR TOWN STATE ZIP CODE

A 37201

DSHS 9 171 (REV 10 81) 807

SAMPLE